



BY APPOINTMENT TO HER MAJESTY'S GOVERNMENT

ARNOLD & SONS
INSTRUMENT CATALOGUE
LONDON.

23. B. 33.

A CATALOGUE OF SURGICAL INSTRUMENTS



MANUFACTURED AND SOLD BY
ARNOLD AND SONS,
Instrument Makers by appointment

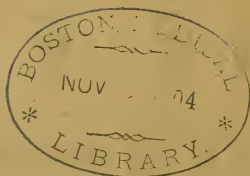
TO

HER MAJESTY'S GOVERNMENT; THE HONORABLE COUNCIL OF INDIA; THE CROWN AGENTS FOR
THE COLONIES; ST. BARTHOLOMEW'S HOSPITAL; THE SURGICAL AID SOCIETY;
AND THE PRINCIPAL PROVINCIAL AND COLONIAL HOSPITALS, ETC., ETC.

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PREFACE.

ARNOLD AND SONS in presenting to the Profession the Revised Edition of their Illustrated Catalogue of Surgical Instruments and appliances, take the opportunity of tendering their thanks for the liberal support they have received during the last half century, and trust that by still continuing to produce Instruments, &c., of the very best construction, quality, and finish, to merit a continuance of that patronage hitherto accorded them.

All Instruments are manufactured on the premises under Arnold and Sons' *personal* superintendence, thus enabling them to *guarantee* the quality of every article purchased.

The prices affixed are extremely moderate taking into account the superior workmanship, and will bear a favorable comparison with other published lists; if in some few cases they be slightly in excess, it is because it is found to be impossible to produce Instruments at a lower rate, if the quality be *guaranteed*.

Arnold and Sons have for some years made Orthopædic Instruments their *specialité*, and have devoted considerable time and attention to the production of appliances, remarkable not only for their effective ingenuity, but also for their extreme

lightness, the latter quality being so highly essential in all cases requiring mechanical assistance.

Orders from abroad must either be accompanied by a remittance or an order for payment in London, and Arnold and Sons request that, when orders are sent through an agent, it be distinctly stated that the Instruments are to be obtained *direct* from them, as many articles of inferior quality are frequently represented as their manufacture.

Every instrument is stamped "Arnold and Sons, London."

Arnold and Sons, for the convenience of their friends, have made special arrangements with the various firms mentioned at the end of the Catalogue to supply articles at manufacturers' prices; and any goods not enumerated in this Catalogue required by customers abroad will be procured for them, on advantageous terms, a commission of five per cent. on the amount expended being the sole charge.

Satisfactory London references required previous to opening new accounts. Cheques to be crossed Bank of England, and Post-Office Orders to be made payable at Chief Office.

Five per cent. allowed on Cash payments.

35 & 36, WEST SMITHFIELD,

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June, 1876.

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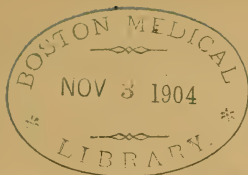
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A CATALOGUE
OF
SURGICAL INSTRUMENTS.

ARNOLD & SONS' SURGICAL BAG (REGISTERED).

AS SUGGESTED BY MR. BARNARD HOLT.

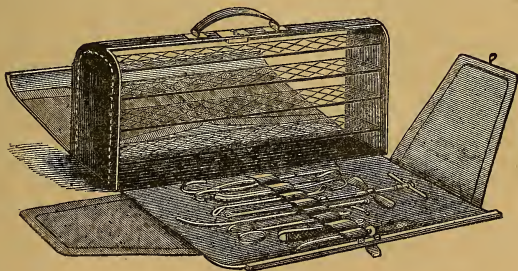


FIG. 1.



FIG. 2.

The surgical bag as represented (fig. 1) open, which shows a series of wire trays fitted in the central portion of the bag for cases, and the two sides or flaps, with loops for lithotrites, catheters, &c.

The bag contains—(1) A case containing two amputating knives, Butcher's amputating saw, and Catlin. (2) A case containing three scalpels, two curved bistouries, a hernia knife, two lithotomy knives, two harelip or tenotomy knives, probe, sharp-pointed pair of scissors, pair of artery forceps or tenaculum, pair of spring forceps, aneurism needle, double hook, and hernia director. (3) A case containing three cataract knives, Tyrrell's hook, four needles, silver curette and hook, Adams' eyelid retractor, set of Bowman's probes, Crichton's fine groove director, pair of cilia forceps, pair of iris forceps, and two pairs of scissors. (4) Case containing complete set of Holt's dilators. (5) Tonsil guillotine in case. (6) Ophthalmoscope and laryngoscope combined in case. (7) A pocket case containing gum lancet, Syme's knife, finger knife, scalpel, dressing forceps, pair of scissors, silver caustic case, silver female catheter, probe, director, needles, exploring trocar, &c. (8) A case containing hydrocele trocar, paracentesis trocar, half-ounce glass syringe with platinum point, and small bottle. (9) A case containing gum elastic catheters, Holt's india-rubber winged catheters, folding needle case. (10) A case for harelip pins, acupressure needles, probes, &c. (11) A hypodermic syringe in case. (12) Small chloroform bottle in wood case. On the two sides of the bag :

Two lithotrites, silver double-channel catheter; three short-beaked sounds, prostate catheter, five silver catheters (Nos. 1, 2, 3, 8, and 10), Ponteau's curved trocar for puncturing the bladder, folding rectum speculum, vagina speculum, probang, Arnold & Sons' patent clinical thermometer, polypus forceps, epistaxis catheter, Arnolds' improved écraseur, tooth forceps, tracheotomy tubes, rectum bougies, lithotomy forceps, lithotomy scoops, lithotomy staffs, tourniquet, &c.

Fig. 1 represents the Bag (Morocco) when open.

Fig. 2, the Bag when closed, size $18 \times 5\frac{1}{4} \times 9\frac{1}{2}$.

Complete with instruments as above	50 guineas.
Surgical Bag and wire trays (without instruments)	3 guineas.

The instruments can be varied to suit the requirements of the surgeon.

Extract from the 'Lancet,' April 22nd, 1871:—"The Bag is perfectly portable, and is of a size not to offend the eye or be inconvenient to carry. In this *multum in parvo* there is almost everything that can be required in military or civil practice."

Extract from 'Medical Times and Gazette,' May 13th, 1871:—"Thus the surgeon, if he desires to take with him merely some small case that will go into his pocket, can readily do so. On the other hand, should he be summoned to a railway smash, or go suddenly on foreign or military service, he has but to snatch up the Bag, and there, ready packed, he will find instruments for every disease or injury requiring operation."

Extract from 'Medical Press and Circular,' May 31st, 1871:—"Here is a more compact contrivance, than any yet submitted to surgeons. The interior of

the Bag is so arranged that any instrument can be at once selected without disturbing the rest."

Mr. Barnard Holt writes:—"For some years I have felt the desirability of possessing a convenient Surgical Bag, capable of containing not only instruments required for any surgical emergency, but also those that are in daily use. The difficulty hitherto has been of two kinds—namely, the size of the bag and the facility of readily finding the instruments you require. Dr. Greenhalgh has fitted one of Arnold & Sons' Registered Bags for obstetric purposes, and I have, after some thought, suggested to Mr. James Arnold, of West Smithfield, who is the inventor of the Bag, an interior arrangement by which every instrument can be immediately selected without disturbing the rest."

AMPUTATING INSTRUMENTS.

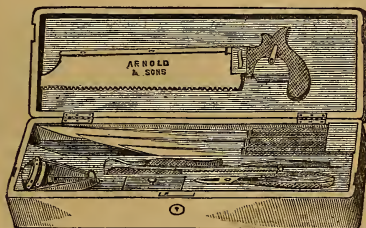


FIG. 3.

No. 1. Morocco case, containing—

Large Fergusson's Amputating Knife.

Medium ditto ditto.

Small ditto ditto.

The case as above £1 10 0

No. 2. A Mahogany case, containing—

Large Liston's Amputating Knife for the flap operation.

Medium ditto ditto ditto.

Small ditto ditto ditto.

Large Circular ditto ditto ditto.

Catlin.

In ebony handles, complete £2 7 6

No. 3. A Mahogany case lined with velvet, as Fig. 3, containing—

Liston's Amputating Knife, Large, for the flap operation.

Ditto ditto Small.

Catlin.

Large Amputating Saw.

Finger Saw.

Liston's Artery Forceps.

Bone Forceps, Liston's.

Petit's Screw Tourniquet.

Six Needles and Silk.

In ebony handles, complete £4 0 0

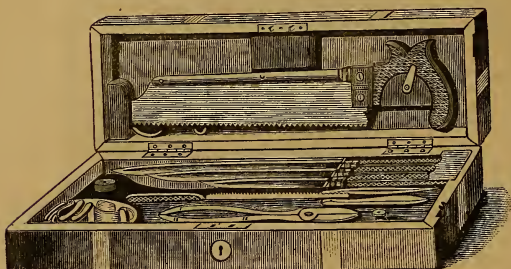


FIG. 4.

No. 4. A handsome Mahogany case, brass bound, and lined with silk velvet (as fig. 4), containing—

Large Liston's Amputating knife for the flap operation.

Small ditto ditto.

Catlin.

Best Large Amputating Saw.

Finger Saw.

Luer's Artery Forceps.

Liston's Bone Forceps, circular joint.

Petit's Spiral Tourniquet.

Spring operating Forceps.

Straight Scissors, extra strong.

Six Needles and Ligature Silk.

In ebony handles, complete £5 5 0

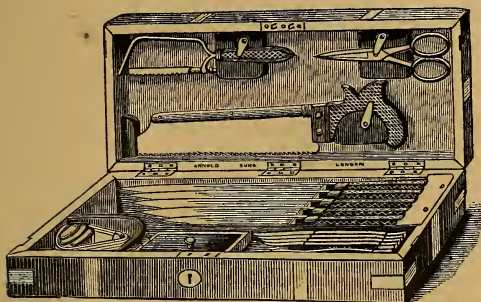


FIG. 5.

No. 5. A very superior and complete set, in a Mahogany case, brass-bound and lined with silk velvet throughout, or the wood polished inside (as fig. 5), containing—

Large Liston's Amputating Knife for the flap operation.

Medium ditto ditto ditto.

Small ditto ditto.

Circular ditto ditto.

Catlin.

Luer's Improved Artery Forceps.

Large Amputating Saw with solid shoulders.

Metacarpal Saw.

Fergusson's Bone Forceps, circular joint.

Four Operating Scalpels.

Straight Scissors, extra strong.

Two Petit's Spiral Tourniquets.

Six Needles and two Tablets of Arnold & Sons' Improved
Ligature Silk.

In ebony handles, complete £6 10 0

No. 6. Keith's Portable Field Case (size 11 in. $\times 2 \times 3\frac{1}{2}$), containing—

Amputation Saw and spare blade. One Amputating Knife, and two smaller blades, fitting into a spring socket handle. Improved Bullet Extractor. Four Dieffenbach's Forceps. Strong Bistoury. Luer's Artery Forceps. Spring Operating Forceps. Acupressure Pins, Needles, &c.

The set complete £4 12 6

ARMY REGULATION CASE.



FIG. 6.

In accordance with the Army Regulations.

A superior handsome Mahogany brass-bound case, lined with silk velvet (as Fig. 6), containing—

- Four Amputating Knives, various sizes.
- Best Large Amputating Saw.
- Butcher's Amputating Saw, for excisions.
- Liston's Bone Forceps, circular joints.
- Syme's Artery Forceps.
- Liston's Artery forceps.
- Four pairs Dieffenbach's Artery Forceps.
- Two Trephines, small and medium.
- Elevators, square-pointed.
- Strong Straight Scissors.
- Hey's Skull Saw.

Raspatory.
 Straight Gouge.
 Gouge Forceps, improved.
 Pair Necrosis Forceps.
 Fergusson's Clawed or Lion Forceps.
 Pair Dissecting or Spring Forceps.
 Six operating Scalpels.
 Strong Scale-tanged Scalpel.
 Two Curved Bistouries, one each probe and sharp-pointed.
 Three Straight Bistouries, two sharp and one probe-pointed.
 Tenaculum.
 Aneurism Needle.
 Hernia Knife or Bistoury.
 Hernia Director.
 Silver Director.
 Large Trocar and Canula for Paracentesis Abdominis.
 Hydrocele Trocar and Silver Canula.
 Hydrocele Syringe, with palladium point.
 Small exploring Trocar, with Silver Canula.
 Liston's Nævi Needle.
 Improved Bullet Forceps, with moveable blades.
 Bullet Extractor.
 Two Silver Trachea Tubes and Canulas.
 Long Silver Gun-shot Probe.
 Four elastic gum web Male Catheters, Nos. 1, 3, 5, 7.
 Three Silver Male Catheters, hall-marked, Nos. 2, 4, and 6.
 Silver Female Catheter, hall-marked.
 Set of Bowman's Probes, and Critchett's Director in case.
 Anel's Lachrymal Probe.
 Two Silver Styles.
 Cataract Needle, and Walton's Scoop in case.
 Tenotomy Knife.
 Denman's short Midwifery Forceps.
 Two Tourniquets, one each spiral and field.
 Jointed Probang for thrusting and extracting.
 Twelve Suture Needles, half-curved.
 Two Reels Ligature Silk.
 One Reel Silver Wire.
 Pair Pin-cutting Forceps or Pliers.
 Tin Case for Isinglass and Plaster.
 Screw Cap Bottle and Wax.
 Two Reels Thread.

In ebony handles, the case complete as above . . . £24 15 0

ARMY REGULATION CASE.

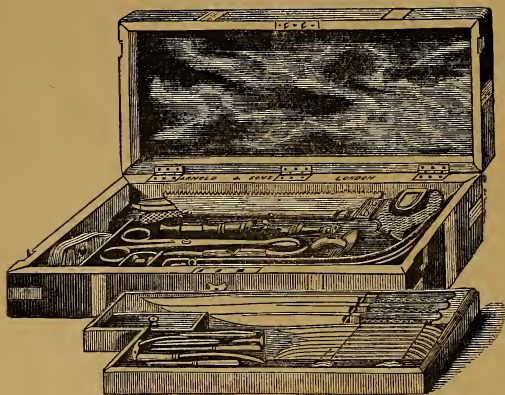


FIG. 7.

A superior Mahogany case, brass-bound and lined with silk velvet (as fig. 7), containing—

Small Liston's Amputating Knife for the flap operation.

Medium ditto ditto ditto.

Large ditto ditto ditto.

Large Amputating Saw.

Amputating Saw with shifting back.

Three Operating Scalpels.

Straight Bistoury.

Two Curved Bistouries, sharp and probe-pointed.

Hernia Knife.

Liston's Bone Forceps, circular joints.

Improved Bullet Forceps, with shifting blades.

Two Dieffenbach's Artery Forceps.

Pair Dissecting Forceps.

Liston's or Luer's Artery Forceps.

Liston's Needle with handle.

Aneurism Needle.

Silver Double Trachea Tube.

Four elastic gum web Catheters, Nos. 1, 4, 7, and 9.

Three Silver Catheters, Nos. 3, 5, and 8 (hall-marked).

Gun-shot Probe, electro-plated.

Hernia Director.

Tenaculum.

Scalpel, strong (scale-tang).
 Petit's Screw Tourniquet.
 Medium size Trephine.
 Hydrocele Trocar with Silver Canula.
 Double-extracting Probang.
 Bladder Trocar and Canula.
 Double Elevator.
 $\frac{1}{2}$ oz. Ligature Thread.
 Reel of Arnold and Son's Ligature Silk Cord.
 Six Curved Suture Needles.

In ebony handles, the case complete as above . . . £12 12 0

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## SET OF INSTRUMENTS FOR A SURGEON IN THE ROYAL NAVY.



FIG. 8.

A superior Mahogany case, brass-bound and lined with silk velvet as Fig. 8, containing—

Large Amputating Saw, with spare blade.  
 Metacarpal Saw.

Large Amputating Knife for the flap operation.

Medium ditto ditto.

Small ditto.

Two Catlins.

Liston's Artery Forceps.

Two Tenaculums.

Six Operating Scalpels.

Two Petit's Tourniquets.

Liston's Bone Forceps, circular joints.

Skull Forceps.

Three Trephines, small, medium, and large.

Large Trocar for Paracentesis with Silver Canula.

Small Trocar for Hydrocele, with Silver Canula.

Hey's Skull Saw and Lenticular.

Elevator and Trephine Brush.

Two Silver Catheters, Nos. 5 and 8, hall-marked.

Two Elastic Gum Web Catheters, Nos. 7 and 9.

Fox's Tooth Key with three claws.

Two pairs Tooth Forceps, curved and straight.

Tooth Punch and Gum Lancet.

Pair strong Scissors and Head Razor.

Two Seton Needles.

Pair of Bullet Forceps and Gun-shot Probe.

Scoop for extracting Balls, and Probang with spring end.

Probang for applying solutions.

Two dozen Suture Needles assorted.

Curved Bistoury, probe point, and curved Bistoury, sharp point.

Fahrenheit's Thermometer.

Arnold and Sons' Ligature Silk.

In ebony handles, the case complete . . . . £16 10 0

*To complete an outfit for a Surgeon in the Royal Navy the following additional instruments are requisite :*

Apparatus for restoring suspended animation, consisting of circular Spring Bellows, fitted with Nostril Pipes and Ear Tubes (large Bottle with cap).

Two Bleeding Lancets.

Stomach Pump with Improved Flute Key Lever.

Complete case of Pocket Instruments.

Six Bleeding Lancets in leather case.

Two dozen Elastic Gum Bougies in case.

Two sets lined Splints.

Two pint Metal Clyster Syringes.

Six Urethra Syringes.

Four Petit's Tourniquets.

Twenty yards Tourniquet Webbing.

Twelve Flannel or Linen Roller Bandages.

Two eighteen-tailed Bandages.  
 Sixty yards of Tape, various widths.  
 Complete case of Cupping Instruments.  
 Packet of Suture Needles.  
 Arnold and Sons' Ligature Thread.

The above in plain chest, with lock and key . . . £14 14 0

**SET OF INSTRUMENTS FOR AN ASSISTANT  
 SURGEON IN THE ROYAL NAVY.**

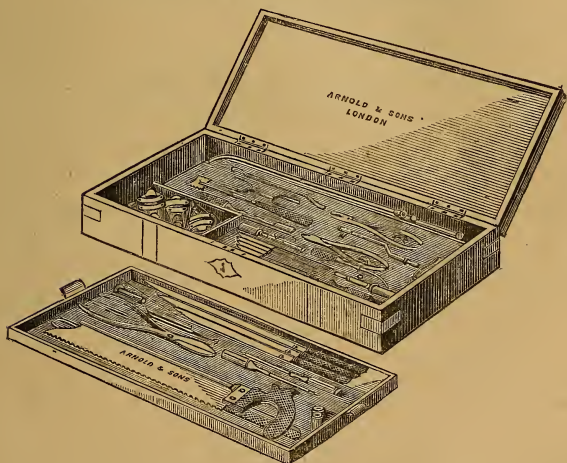


FIG. 9.

A superior Mahogany case, brass-bound and lined with silk velvet,  
 as Fig. 9, containing—

Amputating Saw, large.  
 Metacarpal Saw with separate blade.  
 Large Amputating Knife.  
 Medium ditto.  
 Catlin.  
 Five operating and one scale tang Scalpel.  
 Liston's Artery Forceps.

Two Tenaculums.  
 Two Improved Trephines, small and medium.  
 Trephine Brush.  
 Two Petit's Tourniquets.  
 Hey's Skull Saw.  
 Raspatory.  
 Skull Forceps.  
 Elevator.  
 Liston's Bone Forceps, circular joints.  
 Two Silver Catheters, Nos. 5 and 8, extra stout.  
 Two elastic gum web Catheters.  
 Two pairs Tooth Forceps, curved and straight.  
 Fox's Tooth Key with three claws.  
 Gum Lancet in tortoiseshell.  
 Tooth Punch.  
 Seton Needle.  
 Gun-shot Probe.  
 Bullet Forceps.  
 Probang with spring for thrusting and extracting.  
 Large Trocar for Paracentesis with Silver Canula.  
 Small Trocar for Hydrocele with Silver Canula.  
 Fahrenheit's Thermometer.  
 One dozen curved Needles.  
 Reel of Arnold and Sons' Surgical Silk Cord.

In ebony handles, the case complete . . . . £13 13 0

*To complete an outfit for an Assistant Surgeon in the Royal Navy the following additional Instruments are requisite.*

Complete case of Pocket Instruments.  
 Twelve Bleeding Lancets in cases.  
 Six Pewter Syringes.  
 Ligature Thread.

The above in plain wood case . . . . £4 0 0

NOTE.—*When an Assistant Surgeon is appointed to a ship not having a Full Surgeon, the following instruments are necessary in addition to above:*

|                                                   |        |
|---------------------------------------------------|--------|
| Six Bougies in case . . . . .                     | £0 6 0 |
| Set of Lined Splints . . . . .                    | 0 3 6  |
| Three Flannel or Calico Roller Bandages . . . . . | 0 2 0  |



**SET OF INSTRUMENTS REQUIRED BY A  
SURGEON APPOINTED TO THE ROYAL MAIL  
STEAM-PACKET COMPANY.**

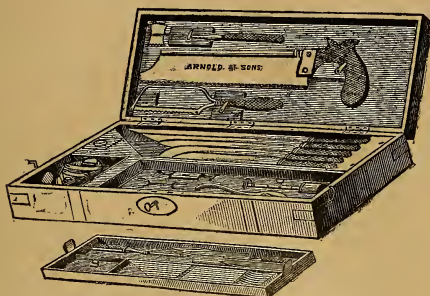


Fig. 10.

A superior Mahogany case, brass-bound and lined with silk velvet, as Fig. 10, containing—

Large Amputating Saw.  
Metacarpal Saw, with spare blade.  
Large Amputating Knife for the flap operation.  
Medium ditto ditto.  
Large Circular Amputating Knife.  
Medium ditto ditto.  
Catlin.  
Pair Bone Forceps, circular joints.  
Liston's or Luer's Artery Forceps.  
Spring Operating Forceps.  
Two Operating Scalpels and Finger Knife.  
Two Curved Bistouries, probe and sharp point.  
Large Trocar for Paracentesis, with Silver Canula.  
Small Trocar for Hydrocele ditto ditto.  
Trepine and Hey's Skull Saw.  
Elevator and Skull Forceps.  
Trepine Brush and Spring Probang.  
Aneurism Needle.  
Petit's spiral Tourniquet.  
Twelve curved Suture Needles.  
Reel of Arnold and Son's Surgical Silk Cord.

In ebony handles, the case complete . . . . £10 10 0

*To complete an outfit the following additional Instruments are requisite :*

Case of Midwifery Instruments, consisting of Midwifery Forceps, Lever, Perforator, Blunt Hook, Crotchet, and Craniotomy Forceps.

Complete set of Cupping Instruments.

Set of gum elastic Bougies in case.

Case of Tooth Instruments.

Case of Silver Catheters, Nos. 1, 3, 5, 7, 9, and No. 10, prostatic.

Case of six Bleeding Lancets.

Case of Pocket Instruments, complete.

Thermometer.

Spring Probang for thrusting and extracting.

Six Urethra Syringes.

Metal Syringe.

Liston's Leg and Thigh Splints.

Set of Potts' Straight Splints.

Twenty Calico Roller Bandages.

Tape and Thread.

The set of Instruments as enumerated above . . . £18 18 0

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## SET OF INSTRUMENTS REQUIRED BY A SURGEON APPOINTED TO THE PENINSULAR AND ORIENTAL STEAM NAVIGATION COMPANY.

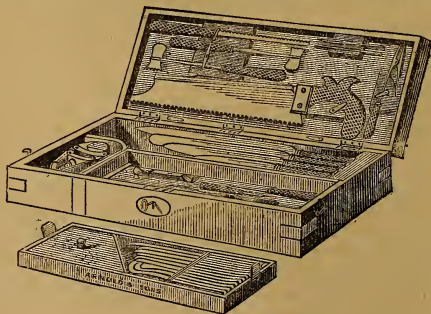


FIG. 11.

A superior Mahogany case, brass-bound, lined silk velvet, or polished throughout, as Fig. 11, containing—

Large Amputation Saw.



Straight Finger Saw.  
 Large Liston's Amputating Knife for the flap operation.  
 Medium ditto ditto.  
 Large Circular Amputating Knife.  
 Catlin.  
 Pair Bone Forceps, circular joints.  
 Spring Artery Forceps.  
 Trephine Medium and Trephine Brush.  
 Two Hey's skull Saws, and Elevator.  
 Two operating and one Scale-tang Scalpel.  
 Two straight Finger Knives.  
 Two Curved Bistouries, probe and sharp-pointed.  
 Large Trocar for Paracentesis, with Silver Canula.  
 Small Trocar for Hydrocele ditto.  
 Hernia Bistoury and Director.  
 Pair Bullet Forceps, and Long Probe.  
 Petit's Screw Tourniquet.  
 Aneurism and Suture Needles.

In ebony handles, the case complete . . . £10 10 0

*To complete an outfit the following additional Instruments are requisite :*

Cupping Instruments, complete in case.  
 Tooth Instruments ditto.  
 Pocket Instruments ditto.  
 Three Male Silver Catheters, hall-marked.  
 Silver Female Catheter, hall-marked.  
 Pair of Midwifery Forceps.  
 Six Metallic Bougies.  
 Six Bleeding Lancets.

The set of Instruments as enumerated above . . . £12 0 0

## SET OF INSTRUMENTS REQUIRED BY A SURGEON APPOINTED TO AN EMIGRANT SHIP.

Case of Amputating Instruments.  
 Case of Cupping Instruments.  
 Case of Pocket Instruments.  
 Case of Tooth Instruments.  
 Four Silver Catheters, 2, 4, 6, and 8, hall-marked.  
 Silver Female Catheter, hall-marked.  
 Four elastic gum web Catheters.  
 Midwifery Instruments in case, containing Midwifery  
 Forceps, Perforator, Craniotomy Forceps, Blunt Hook, and  
 Crotchet.  
 Four Bleeding Lancets, in case.

Elevator.

Trachæotomy Tubes.

Trephine and Trephine Brush.

The set of Instruments as enumerated above . . . £19 19 0

## DR. ANGOVE'S ACCIDENT CASE.

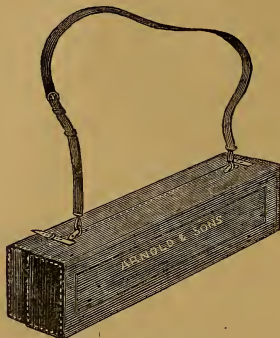


FIG. 12.

Extract from the 'Lancet,' May 21st, 1870.

"SIR,—The accompanying description of my accident case will be found useful, I think, by those of my fellow-practitioners who do the greater part of their work on horseback. The advantages are that it will contain instruments enough for almost any accident, together with lint, plaster, bandages, tourniquet, &c.; and by keeping this stocked and hung up in a handy place, you are ready to be off at any moment. It is easily carried on horseback. By taking the instruments, &c., out you have an oblong box, in which you can put what you like, the instruments being only kept in by a leather strap and an elastic band, which do not take up any room in case.

"In a mining practice one rarely if ever knows the nature of the accident he is called to; I therefore find it valuable, being 'with my case' ready for the smallest cut or anything else, including an amputation.

"Messrs. Arnold and Sons, of 35, West Smithfield, made mine for me; they keep them in stock empty, or will fill them according to order. The cases are made of hard leather, will stand any amount of knocking about, and cost a very small sum.

"I am, Sir, your obedient servant,

"E. SCUDAMORE ANGOVE.

"Ivy House, Camborne, Cornwall, March, 1870."

Dr. Angove's Accident Case, morocco leather, dimensions  $14 \times 4\frac{1}{2} \times 3\frac{1}{2}$ , as fig. 12, containing—

Amputating Saw, large.

Arnold and Sons' Bullet Forceps, improved, with shifting blades.

Amputating Knife, in ebony handle.

Catlin ditto.

Finger Saw. ditto.

Scalpel, operating.

Liston's Bone Forceps, circular joints.

Artery Forceps, Luer's or Liston's.

Pair strong Scissors.

Two Silver Probes.

Needles and Arnolds' Ligature Suture Silk.

|                                                                             |    |   |   |
|-----------------------------------------------------------------------------|----|---|---|
| Complete with Instruments, as above . . . . .                               | £4 | 4 | 0 |
| Morocco Leather case with swivels and strap (without Instruments) . . . . . | 1  | 1 | 0 |

## HOSPITAL FIELD PANNIERS.

Instrument Pannier contains—Operating Instruments, Pocket Instruments, Enema, in case, Twenty-four Calico Roller Bandages, Three Water-dressing Bandages, Twelve elastic gum web Catheters, Twelve ditto Bougies, Six Field Tourniquets, One Petit's Spiral Tourniquet, Twelve Surgeon's Needles, Two pieces of Tape, Ligature Thread, Set Cline's Leg Splints, Set Pott's Hollow Arm Splints, Set Lined Splints, Metal Bed-pan, Metal Washing Basin, Two packets pins.

Medicine Pannier contains—Thirty-one Stoppered bottles, Two 1-quart ditto, Two  $\frac{1}{2}$ -pint ditto, Five  $\frac{1}{4}$ -pint ditto, Twelve 2-ounce ditto, Five 1-ounce ditto, Five  $\frac{3}{4}$ -ounce ditto, Five 2-ounce capped Ether Bottles, Six Japanned Tin Boxes, Pill Tile, Pair of Scissors, Pill Knife, Palette Knife, Graduated Measure, Pestle and Mortar, Scales and Weights, Pewter Cup, Three Sponges, Packet Cotton Wool, Demy Paper, Twine, Waxed Paper, Prepared Tissue, Three Glass Syringes, Lantern, Corkscrew, Pill Boxes, Oiled Silk, Gallipots, Corks, Wax Candles, Inkstand, Writing Paper, Labels, Pens, Wafers, Sealing Wax, Tin of Matches, Tins for Tea, Sugar, Arrowroot, Coffee, &c.

The two pairs are constructed to form a Field Operating Table.

|                                                  |     |   |   |
|--------------------------------------------------|-----|---|---|
| The pair of Panniers complete as above . . . . . | £50 | 0 | 0 |
|--------------------------------------------------|-----|---|---|

## AMPUTATING INSTRUMENTS.

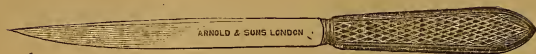


FIG. 13.

Amputating Knife, Liston's, single-edged, 8-inch, Fig. 13 £0 8 0

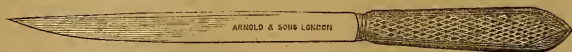


FIG. 14.

Amputating Knife, Liston's, single-edged, 9 inch, Fig. 14 0 8 6



FIG. 15.

|                                                            |   |   |   |
|------------------------------------------------------------|---|---|---|
| Amputating Knife, Liston's, single-edged, 10-inch, Fig. 15 | 0 | 9 | 6 |
| Ditto Small Circular . . . . .                             | 0 | 8 | 6 |
| Ditto Large ditto . . . . .                                | 0 | 9 | 6 |
| Catlin . . . . .                                           | 0 | 6 | 6 |
| Amputating Knife, Lisfranc's double-edged, 7 inch .        | 0 | 8 | 0 |
| Ditto ditto ditto 8 inch .                                 | 0 | 8 | 6 |
| Ditto ditto ditto 9 inch .                                 | 0 | 9 | 6 |



FIG. 16.

|                                                    |   |    |   |
|----------------------------------------------------|---|----|---|
| Amputating Saw (solid shoulder), Fig. 16 . . . . . | 0 | 16 | 0 |
| Ditto (moveable back) . . . . .                    | 1 | 1  | 0 |
| Ditto Graham's . . . . .                           | 1 | 14 | 0 |

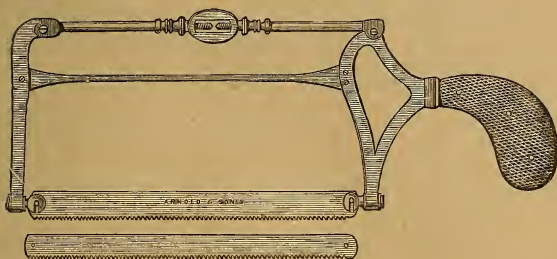


FIG. 17.

Amputating Saw, Butcher's, Fig. 17 . . . . £1 15 0



FIG. 18.

Amputating Saw, Arnolds' Improved, as used by Mr.  
Thomas Bryant (Registered) . . . . 2 10 0

From the construction of the saw and formation of the handle, it adapts itself to the hand more readily, and is much lighter than others in use. To remove the blade it simply requires the screw at end of handle to be turned, and the blade can either be removed or turned at any required angle.

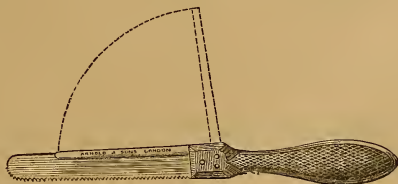


FIG. 19.

Fergusson's Small Saw, with Folding Back, Fig. 19, 7s. 6d. & 0 10 6



FIG. 20.

Wood's Shifting Back Saw, Fig. 20, 10s. 6d., 12s. 6d., and £0 16 6  
 Ditto ditto for excision of jaw . 0 10 6



FIG. 21.

Amputating Saw, Chain, Fig. 21 . . . . . 1 10 0



FIG. 22.

Finger Saw, Straight . . . . . 0 3 6  
 Metacarpal or framed Saw . . . . . 0 10 0  
 Anti-ligature Forceps, Webber's . . . . . 0 7 6



FIG. 23.

Assilini's Artery Forceps, Fig. 23 . . . . . 0 9 6



FIG. 24.

Assilini's Tenaculum, Fig. 24 . . . . . 0 10 6





FIG. 25.

Liston's Artery Forceps, Fig. 25 . . . . . £0 7 6



FIG. 26.

Luer's Artery Forceps, Fig. 26 . . . . . 0 7 6



FIG. 27.

Cross Action Artery Forceps, Fig. 27 . . . . . 0 6 6



FIG. 28.

Dieffenbach's Artery Forceps, Fig. 28 . . . . . 0 2 6



FIG. 29.

Arnold and Sons' Improved Spring Artery Forceps . . . . . 0 5 0



FIG. 30.

Sliding Artery Forceps, Fig. 30 . . . . . £0 3 6



FIG. 31.

Artery Forceps, with Arnold and Sons' improved taper  
sliding catch, Fig. 31 . . . . . 0 10 0  
Syme's Artery Forceps . . . . . 0 7 6  
Torsion Forceps, Improved, with serrated teeth, and  
central groove for using as Needle Forceps . . . . . 0 10 0



FIG. 32.

Bryant's Torsion Forceps, Fig. 32, large and small, each . . . . . 0 10 6  
Matthieu's ditto . . . . . 0 11 6  
Serrefines . . . . . 0 1 0



FIG. 33.

Arnold and Sons' Bullet Forceps, with Shifting Blades,  
Fig. 33 . . . . . 0 8 0  
Dr. Taylor's Electric Bullet Forceps . . . . . 2 2 0  
Dr. Wilde's Electrical Bullet, Probe, and Forceps . . . . . 6 6 0  
Luer's Bullet Forceps . . . . . 0 12 6  
Plain pattern ditto ditto . . . . . 0 5 0



FIG. 34.

Coxeter's Bullet Extractor, Fig. 34 . . . . . 0 12 0  
Ditto ditto jointed for pocket-case . . . . . 0 15 0



FIG. 35.

Wilcox's Forceps, with Sliding catch; the nut is easily adjustable and can be regulated to hold any substance, Fig. 35 . . . . . £0 12 6

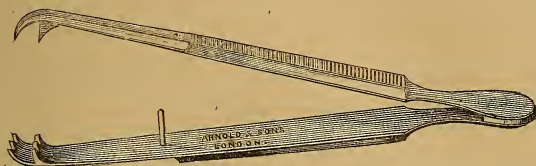


FIG. 36.

Wilcox's Forceps for large Flap Operations, Fig. 36

|                                        |   |             |   |   |   |
|----------------------------------------|---|-------------|---|---|---|
|                                        |   | 7s. 6d. and | 0 | 8 | 6 |
| Catgut for Ligatures, per hank         | . | .           | 0 | 1 | 0 |
| Ditto Carbolised, Lister's, per bottle | . | .           | 0 | 1 | 0 |
| Gun-shot Probe, solid silver           | . | .           | 0 | 5 | 0 |
| Ditto stoutly plated                   | . | .           | 0 | 3 | 6 |
| Ditto flexible metal                   | . | .           | 0 | 1 | 0 |
| Ditto steel                            | . | .           | 0 | 1 | 6 |
| Ditto Whalebone                        | . | .           | 0 | 1 | 6 |



FIG. 37.

|                                                                                                                       |   |   |   |   |   |   |   |
|-----------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|
| Nélaton's Gun-shot Probe, Fig. 37                                                                                     | . | . | . | . | 0 | 4 | 6 |
| Intracisor Forceps, Webber's                                                                                          | . | . | . | . | 0 | 7 | 0 |
| Forceps for removing the articular surface of the patella in amputations through the knee-joint, by Mr. G. D. Pollock | . | . | . | . | 1 | 1 | 0 |
| Arnold and Sons' Improved Silk, per hank                                                                              | . | . | . | . | 0 | 1 | 0 |
| Ditto ditto extra large banks for Hospitals                                                                           | . | . | . | . | 0 | 2 | 0 |

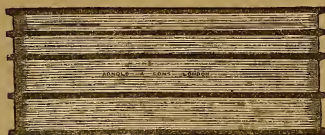


FIG. 38.

Arnold and Sons' Improved Silk, four sizes on tablet,  
to fit the pocket case, Fig. 38 . . . . . £0 1 6

ARNOLD AND SONS' IMPROVED SILK possesses the following advantages:—  
Pure silk, free from all dressing or colouring matter, and will not kink or curl  
under any circumstances; immense strength; being plaited, will tie securely  
without untwisting.

Extract from the *Lancet*, October 15th, 1870, page 556:—"We have been  
supplied with a specimen of this cord, which appears to us to be very good."

*British Medical Journal*, October 8th, 1870, page 393:—"Its recommendations  
are, that it does not twist or curl when used, like ordinary silk."

*Medical Times and Gazette*, October 15th, 1870, page 465:—"It is of a plaited  
texture, very strong, and is free from all dressing or colouring matter."

*Medical Press and Circular*, October 12th, 1870, page 300:—"We have seen  
a sample of this substance, made by Messrs. Arnold and Sons, and can strongly  
recommend it. We hope some of it may be sent out to the French at the seat of  
war."

|                                                             |   |   |   |
|-------------------------------------------------------------|---|---|---|
| Ligature Silk, per reel . . . . .                           | 0 | 1 | 0 |
| Ditto per hank . . . . .                                    | 0 | 0 | 6 |
| Ligature Thread, per reel . . . . .                         | 0 | 0 | 9 |
| Ditto ditto hank . . . . .                                  | 0 | 0 | 4 |
| Ligature Wire, Sterling Silver, per hank . . . . .          | 0 | 2 | 0 |
| Ditto ditto per reel . . . . .                              | 0 | 5 | 0 |
| Ligature Wire, Electro-plated, per hank . . . . .           | 0 | 1 | 0 |
| Ditto ditto reel . . . . .                                  | 0 | 2 | 6 |
| Ligature Wire, Iron, carefully annealed, per hank . . . . . | 0 | 0 | 6 |
| Ditto ditto reel . . . . .                                  | 0 | 1 | 6 |
| Suture Needles, half-curved, per packet of six . . . . .    | 0 | 1 | 6 |
| Ditto full curved ditto . . . . .                           | 0 | 1 | 6 |
| Ditto double eyes do. . . . .                               | 0 | 2 | 6 |
| Ditto grooved to carry wire . . . . .                       | 0 | 2 | 6 |
| Ditto straight triangular points, per doz. . . . .          | 0 | 1 | 0 |
| Ditto straight, extra superior, do. . . . .                 | 0 | 3 | 0 |

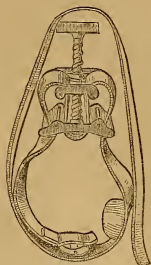


FIG. 39.

|                                              |    |   |   |
|----------------------------------------------|----|---|---|
| Petit's Spiral Tourniquet, Fig. 39 . . . . . | £0 | 7 | 6 |
| Field Tourniquet . . . . .                   | 0  | 3 | 0 |

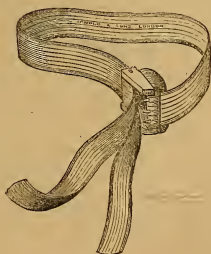


FIG. 40.

|                                                                                                        |   |   |   |
|--------------------------------------------------------------------------------------------------------|---|---|---|
| Arnold and Sons' Improved Field Tourniquet, which can<br>be instantaneously secured, Fig. 40 . . . . . | 0 | 3 | 0 |
|--------------------------------------------------------------------------------------------------------|---|---|---|

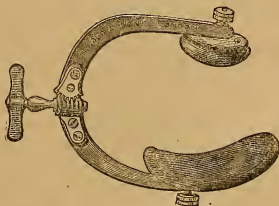


FIG. 41.

|                                           |   |   |   |
|-------------------------------------------|---|---|---|
| Signoroni's Tourniquet, Fig. 41 . . . . . | 1 | 7 | 6 |
|-------------------------------------------|---|---|---|

|                                                                                                              |    |    |   |
|--------------------------------------------------------------------------------------------------------------|----|----|---|
| Fergusson's modification of Signoroni's Tourniquet, with<br>two pads to alternately apply pressure . . . . . | £2 | 2  | 0 |
| Key's Tourniquet . . . . .                                                                                   | 1  | 15 | 0 |
| Lister's ditto for the Aorta or External Iliac . . . . .                                                     | 1  | 10 | 0 |

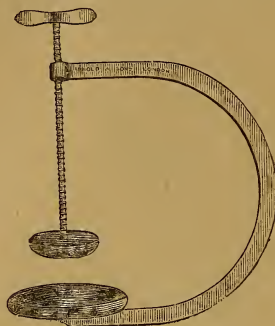


FIG. 42.

|                                                                                                                                                                                                                                                                           |   |    |   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|----|---|
| Liston's Tourniquet, Fig. 42 . . . . .                                                                                                                                                                                                                                    | 1 | 0  | 0 |
| De Carte's compressor, for the groin, with ball-socket<br>movement, fitted with rubber band to prevent the<br>unyielding pressure of screw, adapting itself securely<br>to the limb, consequently not liable to produce in-<br>jurious effects from compression . . . . . | 3 | 5  | 0 |
| Ditto ditto for middle of thigh . . . . .                                                                                                                                                                                                                                 | 1 | 18 | 0 |

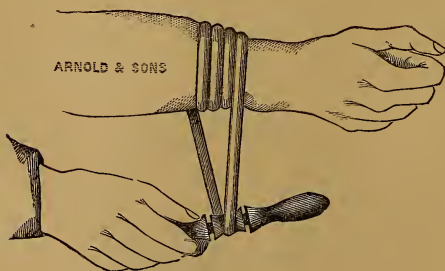


FIG. 43.

|                                                                                                              |   |   |   |
|--------------------------------------------------------------------------------------------------------------|---|---|---|
| Cripps' Improved Esmarch's Elastic Bandage (Bloodless<br>operations), with reel, complete, Fig. 43 . . . . . | 0 | 7 | 6 |
|--------------------------------------------------------------------------------------------------------------|---|---|---|



Extract from the *Lancet*, October 11th, 1873.

"To apply this to the arm, three or four complete turns of the elastic ring are wound tightly round the hand in such a manner as to include the fingers and thumb, care being taken that the turns lie even and do not cross one another. The reel is then put up under the free portion of the ring connecting the upper and lower coil. The reel is passed round and round the limb in an upward direction: thus each coil is unwound from below as another is added above. In this way four tight coils of india rubber are carried up the limb to any distance required. The degree of tightness can be regulated with the greatest nicety by the distance the reel is drawn from the limb by the bandager.

"This method of driving blood from the limb answers perfectly in the arm and in the lower part of the leg; but in carrying the bandage over the popliteal space the flexor tendons prevent the artery being effectually compressed. A firm pad in the space would probably answer the purpose.

"It may be unrolled by reversing the action of the reel to remove the bandage."

|                                         |   |          |    |   |     |
|-----------------------------------------|---|----------|----|---|-----|
| Esmarch's Elastic Bandage, wide for Leg | . | per yard | £0 | 2 | 0   |
| Ditto for Arm                           | . | .        | .  | 0 | 1 0 |
| Ditto India-rubber Tubing               | . | .        | .  | 0 | 3 6 |
| Ditto for Ligatures                     | . | .        | .  | 0 | 1 0 |

## MIDWIFERY.

Leather case, containing—

Short Midwifery Forceps.

Craniotomy Forceps, Dr. Clement Godson's.

Perforator.

Blunt Hook and Crotchet.

Female Catheter.

The above in case complete . . . . . 3 10 0

Handsome morocco case, containing—

Barnes' long Midwifery Forceps.

Simpson's short ditto ditto.

Craniotomy Forceps, improved.

Perforator.

Blunt Hook.

Crotchet, with cross handle.

Lowndes' Vectis.

Frænum Scissors.

Silver Female Catheter, with stopcock.

The above, in case complete . . . . . 6 0 0

Mahogany case, lined with velvet, containing—

Denman's short Midwifery Forceps.  
 Rigby's Perforator.  
 Lowndes' Vectis.  
 Frænum Scissors.  
 Godson's Craniotomy Forceps.  
 Crotchet and two blunt Hooks, fitting one handle.  
 Fergusson's Glass Speculum.  
 Caustic and Sponge Holder, with Scarifying Lancet for the  
 Uterus.  
 Bivalve Speculum, electro-plated, and gilt.  
 Silver Female Catheter, with stopcock.

The above, in case complete . . . . £10 0 0

Mahogany case, brass-bound, and lined velvet, containing—

Oldham's Long Midwifery Forceps.  
 Craniotomy Forceps.  
 Greenhalgh's Short Midwifery Forceps.  
 Blunt Hook.  
 Decapitator.  
 Perforator.  
 Crotchet, with cross handle.  
 Lever.  
 Frænum Scissors.  
 Fergusson's Glass Speculum.  
 Caustic Holder, with Sponge Holder and Scarifying Lancet.  
 Silver Female Catheter, with stopcock.

The above case complete . . . . 9 0 0

**ARNOLD & SONS' OBSTETRIC BAG (Registered).**

AS SUGGESTED BY DR. GREENHALGH.

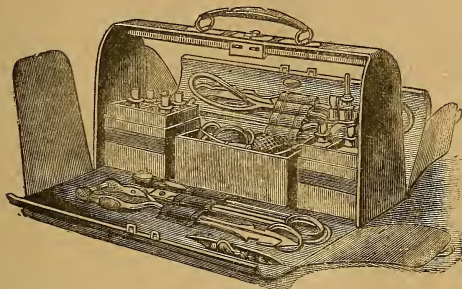


FIG. 44.

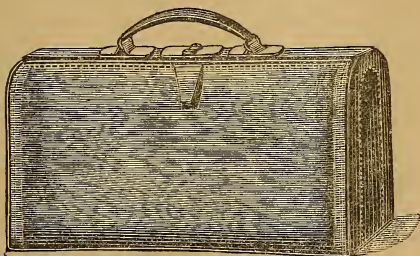


FIG. 45.

Dr. Greenhalgh's Obstetric Bag (Figs. 44 and 45) contains—

- Midwifery Forceps (Dr. Greenhalgh's).
- Perforator (ditto).
- Craniotomy Forceps (Dr. Clement Godson's).
- Blunt Hook (Professor Lazarovitch).
- Crotchet (Dr. Simpson's).
- Frænum Scissors.
- Female Catheter.
- Chloroform Inhaler (Skinner's).
- Chloroform Drop Bottle.
- Uterine Syringe and Enema.
- Spray Apparatus (Dr. Richardson's).

Stoppered Bottles for Ether, Opium, Ergot, Ammonia, Chloroform, Tincture of Iron, &c.

Obstetric Bag, Morocco leather, fitted complete, with

|                                                   |    |    |   |
|---------------------------------------------------|----|----|---|
| Instruments, as above . . . . .                   | £8 | 0  | 0 |
| ditto, Instruments Plated Nickel Silver . . . . . | 10 | 0  | 0 |
| ditto, without Instruments . . . . .              | 2  | 10 | 0 |

Extract from the *Lancet*, March 26th, 1870:—"We have carefully inspected one of these bags, and consider them a decided success."

*British Medical Journal*, April 23rd, 1870:—"The obstetrician and general practitioner will find it in truth a *multum in parvo*. At first sight eight pounds may appear a heavy price to pay for the luxury of such a bag, but its fittings are of the very best quality and workmanship."

*Medical Times and Gazette*, April 9th, 1870:—"Messrs. Arnold and Sons have invented an Obstetric Bag, which certainly is as near perfection as anything we have seen."

*Medical Press and Circular*, April 13th, 1870:—"The Obstetric Bag is admirably arranged, and we offer the maker our congratulations."

*Medical Mirror*, September 1st, 1870:—"Practitioners who delight in elegances will find this Bag designed with good taste, while it is furnished with instruments as good in quality and as finished in workmanship as they could wish."

*Dr. Tanner's Manual of Midwifery*:—"An Obstetric Bag has recently been introduced to the notice of obstetricians by Messrs. Arnold and Sons, of West Smithfield, and from personal experience the author can conscientiously and confidently recommend its use to his professional brethren."

## ARNOLD & SONS' OBSTETRIC BAG (Registered).

AS SUGGESTED BY DR. BARNES.

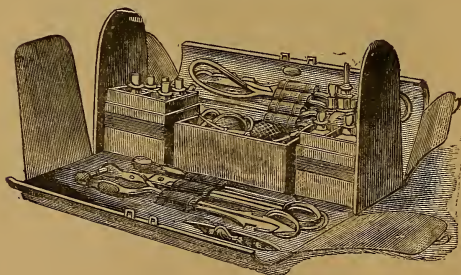


FIG. 46.

Dr. Barnes's Obstetric Bag (Fig. 46) contains—

- Midwifery Forceps (Dr. Barnes's).
- Perforator.
- Craniotomy Forceps.

Blunt Hook.

Crotchet, with cross handle.

Frænum Scissors.

Female Catheter.

Chloroform Inhaler.

Chloroform Bottle.

Uterine Syringe and Enema.

Dilating Apparatus (Dr. Barnes').

Stoppered Bottles for Ether, Opium, Ammonia, and Porcupine Quill, &c. &c.

Obstetric Bag, Morocco leather, fitted complete, with

|                                          |    |    |   |
|------------------------------------------|----|----|---|
| Instruments, as above                    | £8 | 8  | 0 |
| ditto, Instruments Plated Nickel Silver. | 10 | 10 | 0 |
| ditto, without Instruments               | 2  | 10 | 0 |

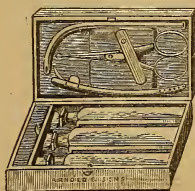


FIG. 47.

Arnold and Sons' Pocket Midwifery case in morocco, lined with silk velvet, Fig: 47, containing—

Three cut-glass Stoppered Bottles.

Frænum Scissors.

Silver Female Catheter, with Stopcock.

Silver Inflating Tube, complete. . . . . 1 5 0

Arnold and Sons' Pocket Midwifery case in morocco, lined with silk velvet, containing—

Three cut-glass Stoppered Bottles.

Frænum Scissors.

Plated Female Sliding Catheter.

Plated Inflating Tube, complete . . . . . £1 0 0

Arnold and Sons' Pocket Midwifery case in morocco, lined with velvet, containing—

Three cut-glass Stoppered Bottles.

Frænum Scissors,

Elastic Female Catheter, complete . . . £0 15 0

### MIDWIFERY FORCEPS, &c.



FIG. 48.

Dr. Barnes's Long Midwifery Forceps, Fig. 48 . . . 1 1 0



FIG. 49.

Sir James Simpson's Long Midwifery Forceps, Fig. 49 . . . 1 1 0



FIG. 50.

Sir James Simpson's Short Midwifery Forceps, Fig. 50 . . . 0 17 6



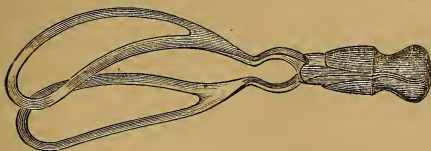


FIG. 51.

|                                                   |      |   |   |
|---------------------------------------------------|------|---|---|
| Dr. Greenhalgh's Short Midwifery Forceps, Fig. 51 | . £1 | 1 | 0 |
| Dr. Greenhalgh's Long ditto                       | . 1  | 2 | 6 |



FIG. 52.

|                                                      |     |   |   |
|------------------------------------------------------|-----|---|---|
| Dr. Greenhalgh's Straight Midwifery Forceps, Fig. 52 | . 1 | 0 | 0 |
|------------------------------------------------------|-----|---|---|

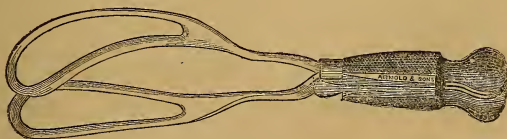


FIG. 53.

|                                             |       |   |   |
|---------------------------------------------|-------|---|---|
| Dr. Ramsbotham's Midwifery Forceps, Fig. 53 | . . 1 | 0 | 0 |
|---------------------------------------------|-------|---|---|

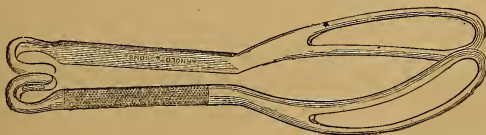


FIG. 54.

|                                           |         |   |   |
|-------------------------------------------|---------|---|---|
| Dr. Assilini's Midwifery Forceps, Fig. 54 | . . . 1 | 0 | 0 |
|-------------------------------------------|---------|---|---|

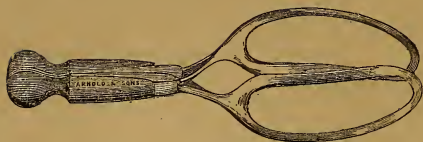


FIG. 55.

Dr. Haighton's Midwifery Forceps, Fig. 55 . . . £0 17 6



FIG. 56.

Dr. Robertson's Long Midwifery Forceps, Fig. 56 . . . 1 0 0

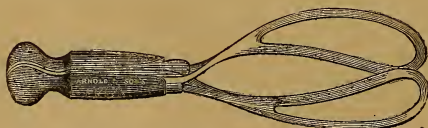


FIG. 57.

Dr. Graily Hewitt's Midwifery Forceps, Fig. 57 . . . 1 1 0



FIG. 58.

Dr. Conquest's Midwifery Forceps, Fig. 58 . . . 0 17 6



FIG. 59.

Dr. Ziegler's Midwifery Forceps, Fig. 59 . . . £1 1 0



FIG. 60.

Dr. Collins's Short Midwifery Forceps, Fig. 60 . . . 0 17 6

Dr. Collins's Long ditto . . . 1 1 0

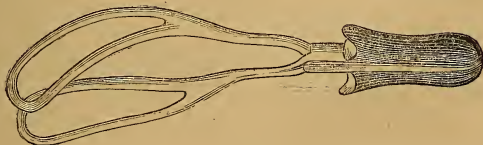


FIG. 61.

Dr. Oldham's Midwifery Forceps, Fig. 61 . . . 1 0 0



FIG. 62.

Dr. Davis's Midwifery Forceps, Fig. 62 . . . 0 17 6

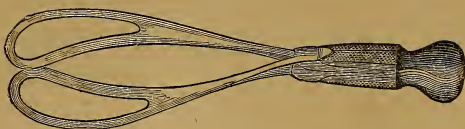


FIG. 63.

Dr. Churchill's Midwifery Forceps, Fig. 63 . . . £1 1 0

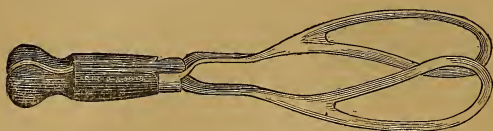


FIG. 64.

Dr. Blundell's Midwifery Forceps, Fig. 64 . . . 1 1 0



FIG. 65.

Dr. Clark's Short Midwifery Forceps, Fig. 65. . . 0 17 6

Dr. Clark's Long ditto . . . 1 0 0



FIG. 66.

Dr. Godson's Midwifery Forceps, Fig. 66 . . . 1 1 0



FIG. 67.

Dr. Waller's Midwifery Forceps, Fig. 67 . . . £0 17 6

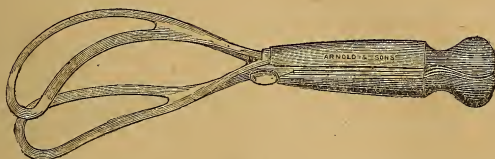


FIG. 68.

Dr. Brüninghausen's Long Midwifery Forceps, Fig. 68 . 1 5 0



FIG. 69.

Dr. Brüninghausen's Short Midwifery Forceps, Fig. 69 . 1 10 0

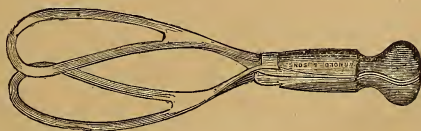


FIG. 70.

Dr. Denman's Short Midwifery Forceps, Fig. 70 . . . 0 17 6

Dr. Denman's Long ditto . . . 1 0 0



FIG. 71.

Dr. Hall Davis's Improved Midwifery Forceps, Fig. 71 . £1 1 0

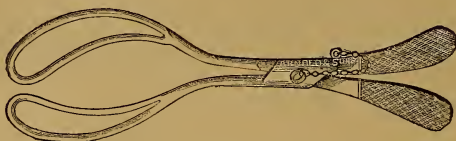


FIG. 72.

Dr. Bowers' Improved Midwifery Forceps, Fig. 72 . 1 5 0



FIG. 73.

|                                            |   |   |   |   |    |   |
|--------------------------------------------|---|---|---|---|----|---|
| Dr. Aveling's Midwifery Forceps, Fig 73    | . | . | . | 1 | 1  | 0 |
| Dr. Lever's Short ditto                    | . | . | . | 0 | 16 | 0 |
| Dr. Lever's Long ditto                     | . | . | . | 1 | 0  | 0 |
| Dr. Hopkins' ditto                         | . | . | . | 1 | 3  | 0 |
| Dr. Murphy's Long ditto                    | . | . | . | 1 | 0  | 0 |
| Dr. Farre's ditto ditto                    | . | . | . | 1 | 0  | 0 |
| Dr. Beattie's ditto ditto                  | . | . | . | 1 | 0  | 0 |
| Dr. Braithwaite's ditto, in leather sheath | . | . | . | 1 | 0  | 0 |
| Dr. Hodges' ditto                          | . | . | . | 1 | 0  | 0 |
| Dr. Inglis's ditto                         | . | . | . | 1 | 0  | 0 |
| Dr. Knight's ditto                         | . | . | . | 1 | 0  | 0 |
| Dr. Lee's ditto                            | . | . | . | 0 | 17 | 6 |
| Dr. Mackintosh's ditto                     | . | . | . | 0 | 17 | 6 |
| Dr. Vacher's ditto                         | . | . | . | 1 | 7  | 6 |



FIG. 74.

Professor Lazarovitch's Blunt Hook, with tape, complete,

|                             |    |   |   |
|-----------------------------|----|---|---|
| Fig. 74 . . . . .           | £0 | 7 | 6 |
| Blunt Hook, plain . . . . . | 0  | 3 | 0 |



FIG. 75.

|                                                              |   |   |   |
|--------------------------------------------------------------|---|---|---|
| Blunt Hook and Crotchet, Fig. 75 . . . . .                   | 0 | 4 | 6 |
| Dr. Godson's Blunt Hook, covered with india rubber . . . . . | 0 | 7 | 6 |

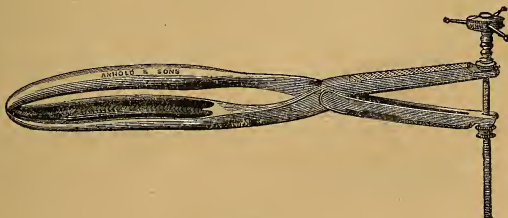


FIG. 76.

|                                                             |   |    |   |
|-------------------------------------------------------------|---|----|---|
| Dr. Braxton Hicks' Improved Cephalotribe, Fig. 76 . . . . . | 2 | 12 | 0 |
| Sir James Simpson's ditto . . . . .                         | 1 | 10 | 0 |

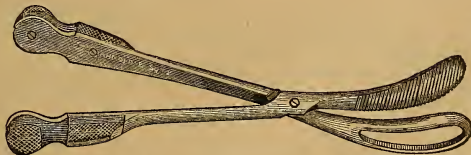


FIG. 77.

|                                                    |   |   |   |
|----------------------------------------------------|---|---|---|
| Dr. Murphy's Craniotomy Forceps, Fig. 77 . . . . . | 1 | 5 | 0 |
|----------------------------------------------------|---|---|---|



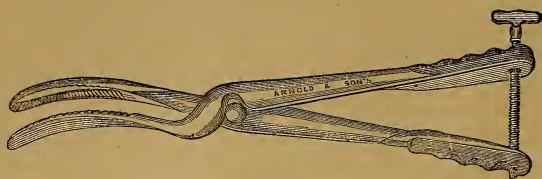


FIG. 78.

Dr. Barnes' Craniotomy Forceps, Fig. 78 . . . £1 10 0

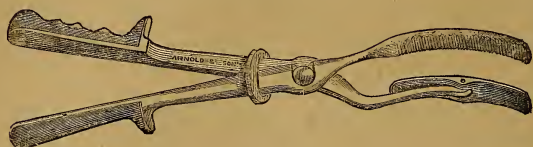


FIG. 79.

Dr. Matthews' Craniotomy Forceps, Fig. 79 . . . 1 12 6



FIG. 80.

Dr. Conquest's Craniotomy Forceps, Fig. 80 . . . 1 7 6



FIG. 81.

Dr. Godson's Craniotomy Forceps, the handles covered  
with Russian leather Fig. 81 . . . 0 15 0

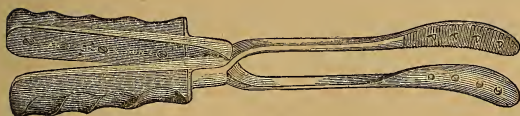


FIG. 82.

Dr. Holmes' Craniotomy Forceps, Fig. 82 . . . £1 7 6

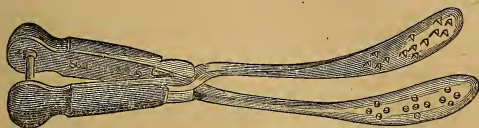


FIG. 83.

Dr. Davis's Craniotomy Forceps, Fig. 83. . . . . 1 7 0  
ditto ditto, with rack . . . . . 1 15 0

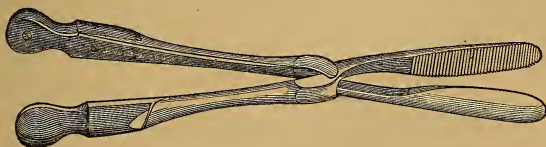


FIG. 84.

Dr. Lee's Craniotomy Forceps, Fig. 84 . . . . . 1 5 0



FIG. 85.

Dr. Waller's Craniotomy Forceps, Fig. 85 . . . . . 1 7 6  
Dr. Lever's ditto . . . . . 1 5 6  
Dr. Priestley's ditto . . . . . 1 7 6  
Dr. Ramsbotham's ditto . . . . . 1 7 6

|                                                      |       |    |   |   |
|------------------------------------------------------|-------|----|---|---|
| Dr. Churchill's Craniotomy Forceps                   | . . . | £0 | 7 | 0 |
| Sir James Simpson's ditto                            | . . . | 1  | 7 | 6 |
| Dr. Lever's Decapitator .                            | . . . | 0  | 7 | 6 |
| Dr. Ramsbotham's ditto                               | . . . | 0  | 7 | 6 |
| Dr. Churchill's Crotchet .                           | . . . | 0  | 7 | 6 |
| Dr. Murphy's ditto                                   | . . . | 0  | 7 | 6 |
| Dr. Murphy's, with two blunt books, in spring handle | . . . | 1  | 1 | 0 |
| Dr. Davis's Guarded Crotchet .                       | . . . | 1  | 4 | 0 |

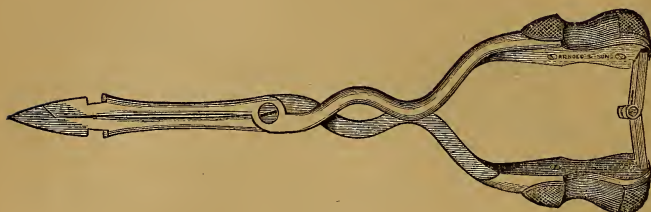


FIG. 86.

Dr. Greenhalgh's improved cross-action Perforator, Fig. 86 1 15 0



FIG. 87.

Dr. Holmes' Perforator, Fig. 87 . . . . . 0 15 0



FIG. 88.

Dr. Denman's Perforator, Fig. 88 . . . . . 0 7 6

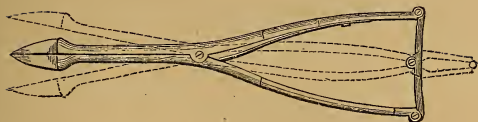


FIG. 89.

|                                                           |    |    |   |
|-----------------------------------------------------------|----|----|---|
| Sir James Simpson's Perforator, Fig. 89 . . . . .         | £1 | 1  | 0 |
| Dr. Naegele's ditto . . . . .                             | 0  | 14 | 0 |
| Dr. Smellie's straight ditto . . . . .                    | 0  | 10 | 0 |
| Dr. Smellie's curved ditto . . . . .                      | 0  | 12 | 0 |
| Dr. Rigby's ditto . . . . .                               | 0  | 10 | 6 |
| Dr. Greenhalgh's Ovum Forceps . . . . .                   | 0  | 12 | 6 |
| Dr. Davis's Osteotomist . . . . .                         | 1  | 8  | 0 |
| Sir James Simpson's ditto . . . . .                       | 1  | 10 | 0 |
| Sir James Simpson's ditto, Right and Left, each . . . . . | 0  | 17 | 6 |
| Placenta Forceps . . . . .                                | 0  | 7  | 6 |
| Symonds' Tractor, with jointed handle . . . . .           | 0  | 14 | 0 |
| Dr. Lowndes's Vectis, with jointed handle . . . . .       | 0  | 12 | 0 |
| Dr. Lever's ditto . . . . .                               | 0  | 8  | 6 |

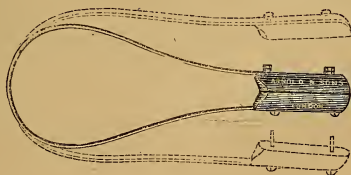


FIG. 90.

|                                                |   |   |   |
|------------------------------------------------|---|---|---|
| Dr. Eardley Wilmot's Fillet, Fig. 90 . . . . . | 0 | 6 | 6 |
|------------------------------------------------|---|---|---|



FIG. 91.

|                                                                                                                                                                                   |   |    |   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|----|---|
| Dr. Lee's Canula, or Membrane Perforator, Fig. 91 . . . . .                                                                                                                       | 0 | 12 | 0 |
| Dr. Godson's Improved Membrane Perforator . . . . .                                                                                                                               | 1 | 1  | 0 |
| Dr. Robertson's Instrument for returning the Funis . . . . .                                                                                                                      | 0 | 4  | 6 |
| Dr. Greenhalgh's air or water Vaginal Plugs, three sizes,<br>possesses facility of introduction and removal, accurate<br>and comfortable adaptability, the set complete . . . . . | 1 | 5  | 0 |
| Female Silver Catheter (sliding for portability) . . . . .                                                                                                                        | 0 | 6  | 6 |
| Ditto with stopcock . . . . .                                                                                                                                                     | 0 | 7  | 6 |
| Ditto, Elastic gum ditto . . . . .                                                                                                                                                | 0 | 1  | 0 |

|                                                        |    |    |     |
|--------------------------------------------------------|----|----|-----|
| Dr. Horsley's Uterus Truss for Post-partum Hæmorrhage  | £1 | 5  | 0   |
| Silver Inflating Tube                                  |    | 0  | 3 6 |
| Frænum Scissors                                        |    | 0  | 3 6 |
| Thompson's Breast Reliever                             |    | 0  | 2 6 |
| Arnolds' improved Brass Breast-pump, in mahogany case. | 0  | 10 | 6   |
| Ditto with bent glass ditto                            | 0  | 12 | 6   |

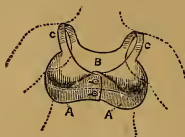


FIG. 92.

Wickers' (Registered) Breast Supports, Fig. 92 . . . 0 6 0

It affords ease, support, and comfort, after delivery.

Extract from *Obstetrical Journal*, December, 1873.—“This light, efficient, and inexpensive support for the breast is the invention of Mrs. Wickers. It is perfectly plain and simple in its construction, and easily secured in its proper position. Messrs. Arnold and Sons are sole agents for its sale.”

Extract of letter from Dr. W. Squire:—“I wish to recommend as of great usefulness and comfort a linen supporter for the breast, remarkably light and simple, invented by Mrs. Wickers, a nurse of great experience, who has been long well and favorably known to me. I have found this slight appliance of the greatest service.”

*Arnold and Sons have purchased of Mrs. Wickers the exclusive right to manufacture the above Breast Supports.*

Arnold and Sons' metallic Nipple Shields, for the prevention and cure of sore Nipples, per box . . . 0 2 0

Dr. Wansborough's ditto ditto . . . 0 2 0

India-rubber Nipple Shields, per pair . . . 0 2 0

Boxwood ditto ditto . . . 0 2 6

Glass ditto ditto . . . 0 1 0

Glass Nipple Shells ditto . . . 0 2 6

Arnold and Sons' India-rubber Breast Relievers . . . 0 2 6

Ditto large size . . . 0 5 0

Feeding Bottles . . . 1s., 2s. 6d., and 0 5 0

India-rubber Teats . . . per doz. 0 2 6

Dr. Diver's Apparatus.

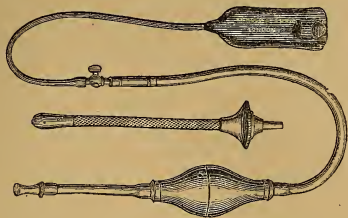


FIG. 93.

Dr. Barnes' Os Uteri Dilators, consisting of Syringe,  
three Dilators various sizes, Vaginal Pipe, &c., the  
complete set in Mahogany box, Fig. 93 . . . £1 5 0

TESTIMONIAL RECEIVED FROM DR. GREENHALGH,  
*Physician-Accoucheur to, and Lecturer on the Diseases of Women, &c., at,  
St. Bartholomew's Hospital, &c.*

72, Grosvenor Street, W.

22nd Feb., 1875.

Gentlemen,

In compliance with your request I have much pleasure in stating that I have employed your firm for many years, and therefore have had ample opportunities of forming an opinion as to your willingness to oblige, general sagacity, promptitude, soundness of material, excellence of work, and fairness of charges, to all of which I can testify with the utmost satisfaction.

I am, Gentlemen,

Truly yours,

R. GREENHALGH.

Messrs. ARNOLD & Sons,  
Instrument Makers,  
West Smithfield.

## MINOR OPERATION INSTRUMENTS.

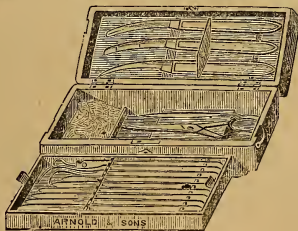


FIG. 94.

Leather case, lined with velvet, as Fig. 94, containing—  
Four Operating Scalpels.

Curved Bistoury, sharp point.

Curved Bistoury, blunt point.

Hernia Knife.

Blunt Hook, single.

Tenaculum.

Aneurism Needle.

Liston's Artery Forceps.

Operating Spring Forceps.

Straight Scissors.

Director.

Six Curved Needles.

Tablet Arnold and Sons' improved Ligature Silk.

In ebony handles, the case complete . . . . £2 2 0

~~~~~  
Superior Morocco case, lined with silk velvet, containing—

Four Operating Scalpels.

Hernia Knife.

Curved Bistoury, probe point.

Curved Bistoury, sharp point.

Double Tumour Hook.

Tenaculum.

Luer's Artery Forceps.

Aneurism Needle.

Curved Scissors.

Operating Spring Forceps.

Director, silver plated.

Six Curved Suture Needles.

Tablet Arnold and Sons' Surgical Silk Cord.

In ebony handles, the case complete 3 0 0

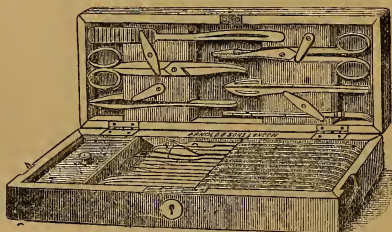


FIG. 95.

Superior Mahogany case, lined with silk velvet, Fig. 95, containing—

Four Operating Scalpels.

Curved Bistoury, sharp point.
 Curved Bistoury, blunt point.
 Liston's Finger Knife.
 Hernia Knife.
 Tenaculum.
 Double Tumour Hook.
 Aneurism Needle.
 Two Tumour Needles, Liston's.
 Luer's Artery Forceps.
 Curved Scissors.
 Polypus Forceps.
 Operating Spring Forceps.
 Silver Director (Sir A. Cooper's).
 Hernia Director.
 Six curved Suture Needles.
 Tablet Arnold and Sons' Surgical Silk Cord.

In ivory handles, the case complete £4 4 0

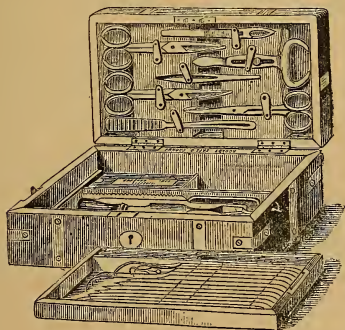


FIG. 96.

Handsome brass-bound Mahogany case, polished inside, Fig. 96, containing—

Four Operating Scalpels.
 Liston's Finger Knife.
 Hernia Knife.
 Curved Bistoury, sharp point.
 Curved Bistoury, blunt point.
 Finger Saw.
 Pair of Bone Forceps.

Two Dieffenbach's Artery Forceps.
Tenaculum.
Double Tumour Hook.
Aneurism Needle.
Two Liston's Tumour Needles.
Pair curved Scissors.
Pair straight Scissors.
Luer's Artery Forceps.
Polypus Forceps.
Operating Forceps.
Harelip Forceps.
Bone Gouge.
Hernia Director.
Silver Director (Sir A. Cooper's).
Two wire Retractors, plated.
Twelve Harelip Pins.
Silver Suture Wire.
Twelve Suture Needles.
Two Tablets Arnold and Sons' Surgical Silk Cord.
In ivory handles, the case complete. £8 8 0

Mahogany case, containing six operating	Scalpels, ivory			
handles			0 15 0	
Ditto ditto ditto	ebony handles		0 12 6	
Ditto ditto twelve ditto	ivory ditto .		1 10 0	
Ditto ditto ditto	ebony ditto .		1 5 0	



FIG. 97.

Aneurism Needle, ivory handle, Fig. 97	0 3 6
Ditto ebony ditto	0 3 0
Acupuncturation Needles	0 1 6
Acupressure Pins	0 0 6



FIG. 98.

Artery Forceps, Luer's, Fig. 98	0 7 6
Brodie's Silver Director	0 8 0



FIG. 99.

Bistoury, Curved, probe-pointed, ivory handle, Fig. 99	. £0	3	6
Ditto ditto ebony ditto . . .	. 0	3	0
Bistoury, Straight ditto ivory ditto . . .	. 0	3	6
Ditto ditto ebony ditto . . .	. 0	3	0



FIG. 100.

Bistoury, Curved, sharp-pointed, ivory handle, Fig. 100	. 0	3	6
Ditto ditto ebony ditto . . .	. 0	3	0
Bistoury, Straight ditto ivory ditto . . .	. 0	3	6
Ditto ditto ebony ditto . . .	. 0	3	0



FIG. 101.

Hernia Bistoury, ivory handle, Fig. 101 . . .	. 0	3	6
Ditto ebony ditto . . .	. 0	3	0



FIG. 102.

Breast Knife, ivory handle, Fig. 102 . . .	. 0	4	6
Ditto ebony ditto . . .	. 0	4	0
Finger Knife, ivory handle . . .	. 0	3	6
Ditto ebony ditto . . .	. 0	3	0
Hernia Director . . .	. 0	4	6



FIG. 103.

Liston's Tumour and Nævus Needle, ivory handle, Fig. 103	0	3	6
Ditto ditto ebony ditto . . .	. 0	3	0



FIG. 104.

Scalpel, Operating, ivory handle, Fig. 104	. . .	£0	2	6
Ditto ditto ebony ditto	. . .	0	2	0
Ditto ditto Scale Tang, ivory handle	. . .	0	3	6
Ditto ditto ditto ebony ditto	. . .	0	3	0



FIG. 105.

Liston's Harelip Pins, per doz., Fig. 105	. . .	0	2	0
Ditto ditto super. „	. . .	0	3	0



FIG. 106.

FIG. 107.

Suture Needles, full curved, per doz., Fig. 106	. . .	0	3	0
Ditto half curved „ Fig. 107	. . .	0	3	0
Ditto straight „	. . .	0	3	0
Ditto double curved „	. . .	0	6	0
Suture Silk, Arnold and Sons' improved, per tablet	. . .	0	1	6
Ditto ditto per hank	. . .	0	1	0
Chinese Twist ditto	. . .	0	1	0
Ordinary Suture Silk ditto	. . .	0	0	6
Suture Wire, Silver ditto	. . .	0	2	0
Ditto ditto per reel	. . .	0	5	0
Suture Wire, Plated per hank	. . .	0	1	0
Ditto ditto per reel	. . .	0	2	6
Suture Wire, Iron. per hank	. . .	0	0	6
Ditto ditto per reel	. . .	0	1	6



FIG. 108.



FIG. 109.

Tendon Knife, Improved Guarded, by Mr. R. Davy,				
Figs. 108 and 109	. . .	1	1	0

Extract from *New Inventions in Surgical Mechanisms*.—"Most surgeons prefer operating upon tendons without an anæstheia. Every tendon I have divided has been cut but occasionally, with refractory babies; inconvenience has resulted either from the incompetence of the child-holder or the spasmodic jerks of the limb. Messrs. ARNOLD & SONS have carried out my suggestion in fashioning a tenotomy knife that can be introduced by the surgeon through the skin and subcutaneous tissue as a sharp instrument, and may then be converted into a blunt-pointed knife by sliding forward the sheath on the back of the handle."



Fig. 110.



Fig. 111.



Fig. 112.



Fig. 113.



Fig. 114.

Tendon Knives, as Figs. 110, 111, 112, 113, and 114

(ivory handles)	£0	3	6
Ditto, ebony ditto	0	3	0
Tendon Knives, six, in case, complete	1	5	0
Liston's Taper Screw, for holding the Clavicle	0	6	6



FIG. 115.

Tenaculum, ivory handle, Fig. 115	0	3	0
Ditto ebony ditto	0	2	6



FIG. 116.

Tumour Hook, ivory handle, Fig. 116	0	3	0
Ditto ebony ditto	0	2	6



FIG. 117.

Tumour Hook, Cooper's Double, ivory handle, Fig. 117	£0	5	0
Ditto ditto ebony ditto	0	4	6

ANATOMICAL SYRINGES.

Arnold and Sons' Improved Brass Syringe, with four plain pipes and stopcock, in mahogany case, complete	1 oz.	1	10	0
Ditto with six ditto	2 oz.	1	15	0
Ditto ditto	4 oz.	2	2	0
Ditto ditto	6 oz.	2	15	0
Ditto ditto	8 oz.	3	3	0
Ditto Electro-plated, with two pipes for minute injections $\frac{1}{2}$ oz.		0	12	6

POCKET INSTRUMENTS.

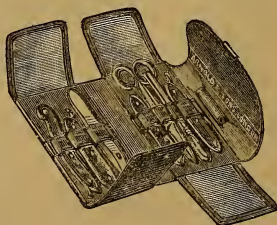


FIG. 118.

No. 1. Morocco leather case, Fig. 118, containing—

Curved Bistoury, probe pointed.

Gum Lancet.

Scissors, Dressing.

Dressing or Bow Forceps.

Syme's Abscess Knife.

Scalpel.

Silver Probe.

Director.

Suture Needles.

The above in Tortoiseshell handles 1 4 0

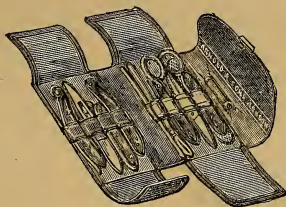


FIG. 119.

No. 2. Morocco leather case, lined silk velvet, with silver lock, Fig. 119, containing—

Curved Bistoury, sharp pointed.

Curved Bistoury, probe pointed.

Gum Lancet.

Dressing Scissors.

Bow or Dressing Forceps.

Syme's Abscess Lancet.

Scalpel.

Two Silver Probes.

Director, plated.

Spatula.

Six Suture Needles.

The above in Tortoiseshell handles £1 10 6

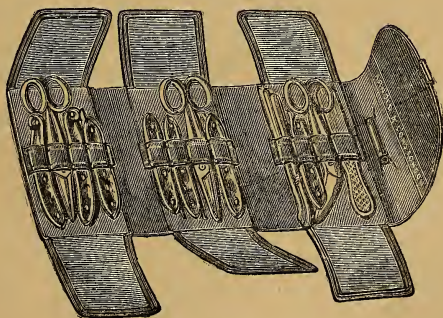


FIG. 120.

No. 3. Morocco leather case, lined silk velvet, with silver spring lock, as Fig. 120, containing—

Curved Bistoury, probe pointed.

Curved Bistoury, sharp pointed.
 Straight Dressing Scissors.
 Curved Scissors.
 Bow or Dressing Forceps.
 Scalpel, double edged.
 Syme's Abscess Knife.
 Gum Lancet.
 Tenaculum.
 Seton Needle.
 Spatula, plated.
 Director, plated.
 Two Silver Probes.
 Six Suture Needles.

The above in Tortoiseshell handles . . . £2 2 0

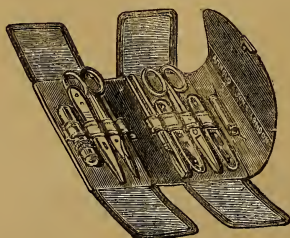


FIG. 121.

No. 4. Morocco leather case, lined silk velvet, with silver chased spring lock, as Fig. 121, containing—

Double Curved Bistoury, with spring back.
 Gum Lancet and Syme's Knife, with spring back
 Scalpel and Finger Knife ditto.
 Dressing Forceps.
 Liston's Artery Forceps.
 Caustic case, silver.
 Director, plated.
 Two Silver Probes.
 Dressing Scissors.
 Six Suture Needles.

The above in Tortoiseshell handles . . . 3 3 0

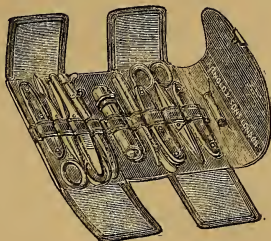


FIG. 122.

No. 5. Morocco or Russia leather case, lined silk velvet, with chased silver-gilt spring lock, Fig. 122, containing—

Double Curved Bistoury, with spring back and French catch.

Gum Lancet and Syme's Knife ditto.

Scalpel and Finger Knife ditto.

Straight Dressing Scissors.

Dressing or Polypus Forceps.

Silver Female Catheter, with stopcock.

Luer's Artery Forceps.

Caustic Case, A. & Sons' improved, with platinum spring holder to suit any size caustic.

Silver Director.

Two Silver Probes.

Six Suture Needles.

The above in best Tortoiseshell handles £4 4 0

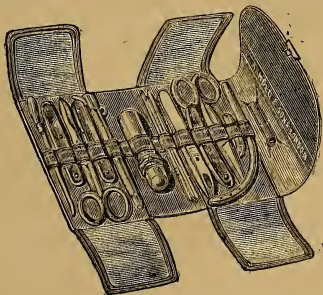


FIG. 123.

No. 6. Superior Morocco or Russia leather case, lined silk velvet with chased silver spring lock, Fig. 123, containing—

Double Curved Bistoury, with spring back and French catch.

Gum Lancet and Syme's Knife, with spring back and French catch.

Scalpel and Finger Knife ditto.

Arnold and Sons' Improved seamless tube Caustic Case, with platinum spring holder.

Silver Male and Female Catheter, united.

Straight Dressing Scissors.

French Bow or Polypus Forceps.

Luer's Artery Forceps.

Silver Director.

Two Silver Probes.

Exploring Trocar, in ivory case.

Six Needles and Silver Wire.

The above in superior Tortoiseshell handles . . . £5 5 0

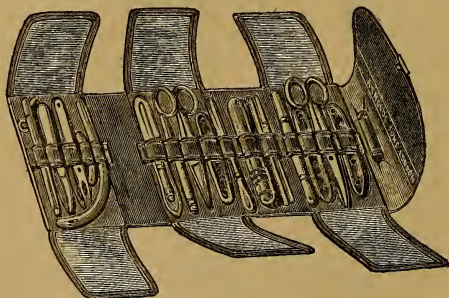


FIG. 124.

No. 7. Extra superior Morocco or Russia leather Case, lined silk velvet, and chased silver-gilt spring lock, as Fig. 124, containing—

Double Curved Bistoury, with spring back and French catch.

Gum Lancet and Syme's Knife ditto.

Scalpel and Liston's Finger Knife ditto.

Arnold and Sons' improved seamless tube Silver Caustic Case, with platinum spring holder.

Imray's Ear Scoop and Eye Spud.

Silver portable Male and Female Catheter, united.

Straight Scissors, silver-plated.

Luer's or Liston's Artery Forceps, silver-plated.

Bow or Polypus Scissors, silver-plated.

Silver Director.

Two Silver Probes.

Spatula, chased, silver-plated.

Operating Forceps.
 Exploring Needle and Exploring Trocar.
 Two Bleeding Lancets.
 Twelve Suture Needles.
 Silver Suture Wire.

The above in superior Tortoiseshell handles . . . £7 7 0
 Ditto, with the addition of Arnold and Sons' Patent
 Clinical Thermometer and Portable Hypodermic
 Syringe in plated case . . . 8 10 0

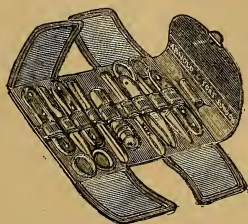


FIG. 125.

No. 8. Arnold and Sons' Diamond Case, A, very portable, Morocco or Russia leather, lined silk velvet, with silver-gilt lock, Fig. 125, containing—

Double Curved Bistoury, with spring back.
 Gum Lancet and Syme's Knife.
 Scalpel and Finger Knife.
 Straight Dressing Scissors.
 French Bow or Dressing Forceps.
 Luer's or Liston's Artery Forceps.
 Arnold and Sons' Silver Caustic Holder (seamless tube).
 Director, electro-plated.
 Two Silver Probes.
 Six Needles.
 Arnold and Sons' Ligature Silk Cord.

The above in Tortoiseshell handles . . . 3 3 0

No. 9. Arnold and Sons' Diamond Case, B, portable, Morocco, lined silk velvet, with silver-gilt lock, containing—

Double curved Bistoury, with spring back.

Gum Lancet and Syme's Knife, with spring back.
 Scalpel and Finger Knife ditto.
 Dressing Scissors, straight.
 Artery Forceps.
 Dressing Forceps.
 Director.
 Two Silver Probes.
 Six Needles.
 Ligature Silk.

The above in Tortoiseshell handles £2 15 0

Abscess Knife, Syme's, in tortoiseshell 0 2 6
 Ditto ditto with spring back 0 4 6
 Ditto ditto ditto and French catch . 0 5 6
 Abscess Knife (Syme's), and Gum Lancet, with spring
 back and French catch, in tortoiseshell 0 8 6
 Abscess Lancet, in tortoiseshell 0 2 6



FIG. 126.

Abscess Knife, Syme's and Paget's, with spring back and
 French catch, in tortoiseshell, as Fig. 126 0 8 6
 Aneurism Needle, in tortoiseshell 0 2 6
 Ditto ditto with spring back 0 4 6
 Ditto ditto ditto and French catch . 0 5 6



FIG. 127.

Aneurism Needle and Tenaculum, with spring back and
 French catch, in tortoiseshell, as Fig. 127 0 8 6
 Arnold and Sons' Portable Pocket Knife contains Gum
 Lancet, Scalpel, Syme's Abscess and Pen Blade, in
 tortoiseshell handle 0 12 6
 Arnold and Sons' Patent Clinical Thermometer 0 12 6
 Bistoury, curved (probe or sharp), in tortoiseshell 0 3 6
 Ditto ditto with spring back 0 5 6
 Ditto ditto ditto and French catch . 0 6 6



FIG. 128.

Bistoury, double, in tortoiseshell, with spring back and French catch, as Fig. 128	. . . . .	£0	9	0
Bistoury, straight, with spring back	. . . . .	0	4	6
Ditto ditto ditto and French catch	. . . . .	0	5	6
Bow or Dressing Forceps, plain pattern	. . . . .	0	2	6
Ditto ditto French pattern	. . . . .	0	4	6
Director, steel	. . . . .	0	1	6
Ditto German silver-plated	. . . . .	0	2	6
Ditto Silver, extra stout	. . . . .	0	4	6
Dressing Forceps, spring	. . . . .	0	2	6



FIG. 129.

Exploring Needle, in ivory case, Fig. 129	. . . . .	0	3	6
Ditto in tortoiseshell	. . . . .	0	3	0



FIG. 130.

Exploring Trocar, with silver Canula, in ivory, four sizes, Fig. 130	. . . . .	0	7	6.
Exploring Needle and Liston's Scoop, in ivory case	. . . . .	0	5	0
Female Catheter, electro-plated	. . . . .	0	4	6
Ditto ditto silver	. . . . .	0	6	0
Ditto ditto silver sliding	. . . . .	0	6	0
Ditto ditto with stopcock	. . . . .	0	7	6
Ditto ditto Dr. Shephard's, with india-rubber tubing complete	0	7	6



FIG. 131.

Finger Knife, in tortoiseshell, with French catch, Fig. 131	0	5	6
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FIG. 132.

Finger Saw, in tortoiseshell, with French catch as Fig. 132	£0	6	6
Gum Lancet, in tortoiseshell	0	2	6
Ditto ditto with spring back	0	4	6
Ditto ditto ditto and French catch	0	5	6



FIG. 133.

Gum Lancet and Tenaculum, in tortoiseshell, with French catch, as Fig. 133	0	8	6
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FIG. 134.

Hernia Bistoury, in tortoiseshell, with spring back, as Fig. 134	0	6	6
--	---	---	---

Ligature Silk, Arnold and Sons' improved, possesses the following advantages over all existing silks hitherto manufactured:—Pure silk and free from all dressing or colouring matter; will not kink or curl under any circumstances; immense strength, and being plaited, will tie securely without untwisting.

Tablet, with four assorted sizes of silk wound thereon, in neat paper case complete	0	1	6
---	---	---	---

Extract from the *Lancet*, October 15th, 1870, page 556:—"We have been supplied with a specimen of this cord, which appears to us to be very good."

British Medical Journal, October 8th, 1870, page 393:—"Its recommendations are that it does not twist or curl when used, like the ordinary silk."

Medical Times and Gazette, October 15th, 1870, page 465:—"It is of a plaited texture, very strong, and is free from all dressing or colouring matter."

Medical Press and Circular, October 12th, 1870, page 300:—"We have seen a sample of this substance, made by Messrs. Arnold and Sons, and can strongly recommend it. We hope some of it may be sent out to the French at the seat of war."

Paget's Knife, in tortoiseshell, with French catch	0	6	6
Pocket Cases, Russia or Morocco, lined silk velvet, with silver-gilt chased locks, 7s. 6d., 10s. 6d., 12s. 6d., and	0	15	0
Portable Male and Female Catheter, united, plated	0	7	6
Ditto ditto ditto stout silver	0	16	6

Portable Male and Female Catheter, with Epistaxis Plug, solid silver, in morocco case	£1	5	0
Probes, silver	0	1	0
Ditto extra strong	0	1	6



FIG. 135.

Scalpel and Finger Knife, in tortoiseshell, with French catch, as Fig. 135	0	8	6
---	---	---	---



FIG. 136.

Scalpel, Double, with spring back and French catch, as Fig. 136	0	8	6
Scalpel, in tortoiseshell handle	0	2	6
Ditto ditto with spring back	0	4	6
Ditto ditto ditto and French catch	0	5	6

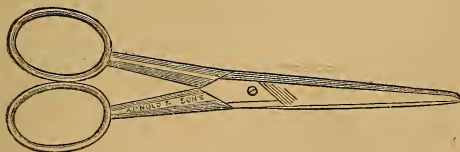


FIG. 137.

Scissors, Dressing, Fig. 137	0	2	6
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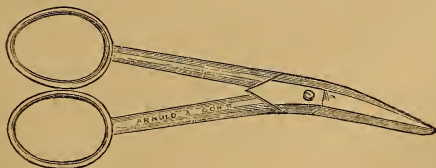


FIG. 138.

Scissors, Dressing, curved, small, Fig. 138	0	3	6
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FIG. 139.

Scissors, probe-pointed, Fig. 139 £0 3 6

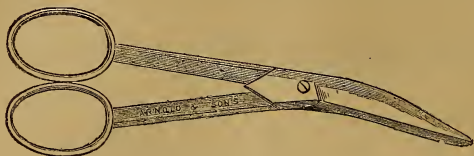


FIG. 140.

Scissors, curved, large, Fig. 140	0	4	6
Seton Needle, in tortoiseshell handle	0	3	6
Shuter's Portable Epistaxis Canula, Gunshot Probe, Director, and ordinary Probe combined, in silver	0	10	6
This set is very portable, and can be carried in the pocket case or waistcoat pocket.			
Spatula, steel	0	1	0
Ditto electro-plated	0	2	6
Ditto electro-plated and chased	0	2	6
Ditto silver, Hall-marked	0	10	0
Syme's Abscess Knife, in tortoiseshell handle	0	3	0
Ditto ditto ditto with spring back	0	4	6
Ditto ditto ditto ditto and French catch	0	5	6
Syme's Abscess Knife and Gum Lancet, in tortoiseshell, with spring back and French catch	0	8	6
Tenaculum, in tortoiseshell handle	0	2	6
Ditto ditto with spring back	0	4	6
Ditto ditto ditto and French catch	0	5	6
Tenaculum and Aneurism Needle, spring back, French catch	0	8	6
Thermometer, Clinical, Arnold and Sons' patent bayonet- joint, in silver case	0	12	6
Ditto ditto ditto German silver case	0	10	6
Ditto ditto in ivory case	0	8	6
Ditto ditto in ebony ditto	0	8	6

POST-MORTEM AND DISSECTING INSTRUMENTS.

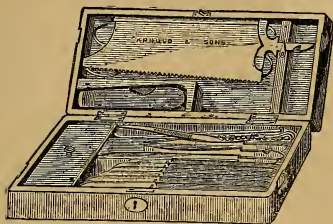


FIG. 141.

Dissecting Instruments, in mahogany case, polished inside, containing—

- Four Scalpels, in ebony handles.
- One-pair Scissors.
- Dissecting Forceps.
- Blowpipe, German silver.
- Set Chain Hooks.

The above, set complete	£0 16 0
In ivory handles	0 18 6

Superior Dissecting Instruments, in mahogany case, polished throughout, containing—

- Six Scalpels, in ebony handles.
- One-pair Large Dissecting Scissors.
- One-pair Small ditto.
- Dissecting Forceps, Large.
- Blowpipe, German silver.
- Set of Chain Hooks.

The above set, complete	1 1 0
In ivory handles	1 5 0

Complete set of Dissecting Instruments, in mahogany case, and polished throughout, containing—

- Six Scalpels, in ebony handles.

Large pair best Dissecting Scissors.

Small ditto.

Pair of Superior Spring Forceps.

Dr. Nicholl's Improved Blowpipe.

Dr. Thomas's Improved Dissecting Hooks.

The above set, complete	£1 11 6
In ivory handles	1 15 0

~~~~~

Post-mortem Instruments, in mahogany case, as Fig. 141, containing—

Saw, Cartilage Knife, Catlin and Chisel, fitting one spring socket, ebony handle.

Spring Forceps.

Pair of Strong Post-mortem Scissors.

Three Scalpels, in ebony handles.

Set of Chain Hooks.

|                               |       |
|-------------------------------|-------|
| The above, complete . . . . . | 2 5 0 |
|-------------------------------|-------|

~~~~~

Mahogany case, brass-bound, and polished throughout, containing—

Large Saw, Cartilage Knife, Catlin, and Chisel, fitting one spring socket handle.

Two Scalpels.

Pair of Strong Post-mortem Scissors.

Post-mortem Hammer.

Tripod.

Pair of Spring Forceps.

Set of Chain Hooks.

Three Needles.

The above, complete	3 0 0
-------------------------------	-------

~~~~~

Mahogany brass-bound case, polished throughout, containing—

Large Saw, Cartilage Knife, Catlin, and Chisel, fitting one spring socket handle.

Six Scalpels, in ebony handles.

Brain Knife ditto.

Pair of Strong Scissors.

Post-mortem Hammer, in ebony handles.

Tripod.

Spring Forceps.

Pair of Bowel Scissors.

Set of Chain Hooks.  
 Blowpipe, German Silver.  
 Six Needles.

The above, complete . . . . . £4 4 0

A superior Mahogany case, brass-bound, with side hooks, and polished throughout, containing—

Extra strong Post-mortem Saw.  
 Double Spine Saw.  
 Post-mortem Hammer.  
 Strong Chisel, with cross handle.  
 Spine Chisel.  
 Brain Knife.  
 Six Scalpels, in ebony handles.  
 Pair of Strong Scissors.  
 Bowel Scissors.  
 Two Cartilage Knives.  
 Two Spring Forceps.  
 Sharp Hook.  
 Post-mortem Head-rest.  
 Six Needles.  
 Set of Chain Hooks.  
 Dr. Nicholl's Blowpipe.

The above, complete . . . . . 7 15 0

Blowpipe, German Silver . . . . . 0 1 6  
 Blowpipe and Stilette, by Mr. Nicholls . . . . . 0 3 6

Extract from the *Lancet*, January 21st, 1871 :—"The blowpipe now in use is continually getting blocked up in consequence of the necessity of having to thrust it through animal tissues."

Extract from the *British Medical Journal*, March 4th, 1871 :—"An improved form of blowpipe for dissecting purposes has been devised by Mr. Nicholls, and is manufactured by Messrs. Arnold and Sons, of West Smithfield. The instrument, if not used for dissection, may be employed as an ordinary trocar and canula."

|                                                                       |             |        |
|-----------------------------------------------------------------------|-------------|--------|
| Bowel Scissors . . . . .                                              | 6s. 6d. and | 0 7 6  |
| Brain Knife, in ebony handle . . . . .                                |             | 0 5 0  |
| Cartilage Knife . . . . .                                             |             | 0 4 0  |
| Cartilage Nippers, extra strong . . . . .                             |             | 0 18 6 |
| Chain Hooks . . . . .                                                 | per set     | 0 2 0  |
| Dissecting Forceps . . . . .                                          | 2s. and     | 0 2 6  |
| Dissecting Hooks . . . . .                                            | per set     | 0 2 0  |
| Ditto Perrin's . . . . .                                              | ditto       | 0 5 6  |
| Ditto Mr. W. Thomas's (vide <i>Lancet</i> , Sept. 17, 1870) . . . . . |             | 0 5 0  |

|                               |          |    |   |   |
|-------------------------------|----------|----|---|---|
| Gloves, Post-mortem . . . . . | per pair | £0 | 6 | 6 |
| Hammer and Chisel . . . . .   |          | 0  | 8 | 6 |



FIG. 142.

|                                                           |         |   |    |   |
|-----------------------------------------------------------|---------|---|----|---|
| Saw, Charrier's Double, for the Spine, Fig. 142 . . . . . |         | 2 | 5  | 0 |
| Saw, Post-mortem, with rounded point . . . . .            |         | 0 | 14 | 0 |
| Ditto with jointed handle . . . . .                       |         | 0 | 16 | 0 |
| Scalpel, in ebony handle . . . . .                        |         | 0 | 2  | 0 |
| Scissors, Post-mortem, extra strong . . . . .             | 3s. and | 0 | 3  | 6 |
| Skull-rests . . . . .                                     |         | 0 | 10 | 6 |

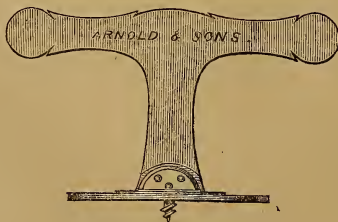


FIG. 143.

Skull Tractor Drill, Post-mortem, by Richard Davy, Esq. 1 0 0

Extract from *New Inventions in Surgical Mechanisms*:—"Reflecting medical

men must be often surprised at the clumsy and dangerous method still practised for removing the skull-cap in the post-mortem theatre. I have used the instruments here shown very many times, and recommend them for convenience, safety, and temporal economy."

|                             |    |   |   |
|-----------------------------|----|---|---|
| Spine Chisel . . . . .      | £0 | 5 | 0 |
| Ditto very strong . . . . . | 0  | 8 | 0 |

## ~~~~~

### EYE INSTRUMENTS.

#### No. 1. Leather case, containing—

Cataract Knife.  
 Pair Iris Scissors.  
 Iris Forceps.  
 Cilia Forceps.  
 Curette and Hook.  
 Tyrrell's Hook.  
 Two Needles.  
 Two Lachrymal Probes.  
 Spring Speculum.

The above set, in ivory handles . . . . . 2 10 0

#### ~~~~~

#### No. 2. Morocco case, lined silk velvet, containing—

White Cooper's Cataract Knife.  
 Beer's ditto ditto.  
 Beer's Needle for Solution.  
 Saunders' ditto.  
 Scarpa's ditto.  
 Tyrrell's Hook.  
 Silver Hook and Curette.  
 Adam's Eyelid Retractor.  
 Two pairs Maunoir's Scissors, right and left.  
 Set of Bowman's Lachrymal Probes.  
 Critchett's Director for the Canaliculus.  
 Pair Cilia Forceps.  
 Pair Iris Forceps.

The above set, in ivory handles, complete . . . . . 3 12 0



No. 3. Handsome Morocco case, lined silk velvet, containing—

White Cooper's Cataract Knife.  
 Beer's ditto ditto.  
 Dixon's ditto ditto.  
 Two Sichel's ditto.  
 Two Scarpa's Needles.  
 Two Saunders' ditto.  
 Two Beer's ditto.  
 Walton's Foreign Body Scoop.  
 Walton's Curette and Hook.  
 Tyrrell's Hook.  
 Schuft's Double Spoon.  
 Two pairs Maunoir's Scissors, right and left.  
 Cilia Forceps.  
 Two Iris Forceps, curved and straight.  
 Set of Bowman's Probes, in case.  
 Critchett's Director for the Canaliculus, in ivory handle.  
 Adam's Speculum.  
 Gilt wire Spring Speculum.

The above set in ivory handles, complete . . . £6 10 0



No. 4. Superior Mahogany case, lined silk velvet, containing—

One Dixon's Cataract Knife.  
 Two Sichel's ditto.  
 Silver Curette and Hook.  
 Tyrrell's Hook.  
 Canaliculus Knife.  
 Set of Bowman's Probes, in case.  
 Critchett's Director.  
 Iridectomy Knife, broad.  
 Iridectomy Knife, narrow.  
 Critchett's Knife.  
 Broad Cutting Needle.  
 Bowman's Stop ditto.  
 Two Scarpa's ditto.  
 Two Beer's ditto.  
 Two Dalrymple ditto.  
 Two Small Scalpels.  
 Spatula.  
 Entropium Forceps, Improved.  
 Schuft's Forceps.  
 Iris Forceps, curved.  
 Iris Forceps, straight.  
 Cilia Forceps.  
 Scissors for the Canaliculus.

Two pairs Maunoir's Scissors, right and left.  
 Strabismus Scissors.  
 Spring Specula, with slide.  
 Strabismus Hook.  
 Strabismus Forceps.  
 Lever Canula Instrument with Scissors and Forceps.

The above set in ivory handles, complete . . . £12 7 6



No. 5. Extra superior Mahogany case, brass bound, and lined silk velvet, containing—

Two Sichel Cataract Knives.  
 One Secondary ditto.  
 One Weber's Canaliculus Knife.  
 Four Graefe's Knives.  
 Two short Needles.  
 Two Stop ditto.  
 Two broad ditto, two sizes.  
 One Scarpa's ditto.  
 One Tyrrell's ditto.  
 One Spatula.  
 One Lens Hook.  
 One Double Platinum Iris Hook.  
 One Curette and Cystatome.  
 Three curved Iridectomy Knives.  
 One Macnamara's ditto.  
 One ordinary straight ditto.  
 One Critchett's and Schuft's Spoon.  
 One Bowman's ditto.  
 One Hulke's Needle.  
 One Cowell's Strabismus Hook.  
 Set of Bowman's probes, in case.  
 One pair Improved Entropium Forceps, right.  
 One ditto ditto left.  
 One ditto Iris Forceps, curved.  
 One ditto ditto straight.  
 One ditto Schuft's Forceps.  
 One ditto Cilia Forceps.  
 Two ditto Maunoir's Scissors, right and left.  
 One ditto Canaliculus ditto.  
 One ditto Strabismus ditto.  
 One Arnolds' Improved Eyelid Retractor.  
 One Walton's Eyelid Retractor.  
 Arnold & Sons' Improved Ophthalmoscope.  
 Anel's Eye Syringe, electro-plated.

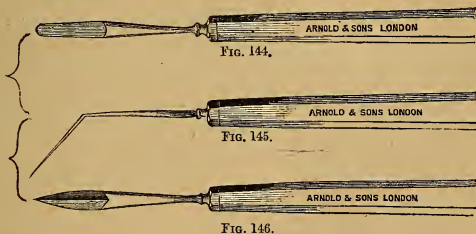
The above set, in ivory handles, complete . . . 15 15 0

No. 6. Handsome Walnut Wood case, brass-bound and lined silk velvet, containing—

- One straight Iridectomy Knife.
- Three angular ditto.
- One Heart-shaped ditto.
- One Beer's Cataract Knife.
- One Sichel's ditto.
- One Dixon's ditto.
- Two Graefe's Extraction Knives.
- One Walton's Knife.
- One Strabismus ditto.
- One Desmarre's ditto.
- One small Scalpel.
- One Weber's Canaliculus Knife.
- One Bowman's Puncture ditto.
- Two Taylor's Angular Knives.
- One Graefe's Vulcanite Curette.
- Three Desmarre's Eye-lid Retractors (of sizes).
- One Critchett's Double Spoon.
- One Bowman's ditto.
- One Taylor's Vectis.
- One double Strabismus Hook.
- One Cautery Fistula Lachrymalis.
- Two Graefe's Strabismus Hooks.
- Two ditto Cystatomes, right and left.
- One Bowman's Spud.
- One Walton's Gouge.
- One Hulke's Suture Needle.
- Two Beer's Needles.
- One Bowman's Decision Needle.
- One Dalrymple's fine ditto.
- One Stop Needle.
- Three broad Needles.
- One Scarpa's Needle.
- One Tyrrell's Scarpa's ditto.
- One round Lens Hook.
- One Tyrrell's Hook.
- One Strabismus Director.
- One Curette and Sharp Hook.
- Seven pairs Iris Forceps, various patterns.
- One Improved Capsular Forceps.
- One ditto Scissors.
- One pair Liebreich's Forceps, cross action.
- Three ditto Cilia Forceps.
- One ditto Entropium Forceps, improved.
- Two ditto Desmarre's Entropium ditto, right and left.
- One ditto Wylde's ditto Forceps.
- One ditto Scissors, straight, fine-pointed.

One pair Scissors, blunt-pointed.  
 One ditto ditto curved on flat, fine-pointed.  
 One ditto ditto blunt-pointed.  
 One ditto ditto double-curved Maunoir, right.  
 One ditto ditto ditto left.  
 One ditto ditto side-curved.  
 One ditto ditto sickles-curved.  
 One Arnolds' Eyelid Retractor.  
 One Critchett's ditto.  
 One Bowman's ditto.  
 One Anel's Eye Syringe, plated.  
 One set Lachrymal Bougies, in plated case.  
 Two sets Walton's Probes, in plated case.  
 Six Ware's Styles, silver.  
 Greenslade's Canaliculus Knife and Director combined.  
 Needles, Silk, &c.

The above set, in ivory handle, complete . . . £30 0 0



|                                               |   |   |   |   |   |
|-----------------------------------------------|---|---|---|---|---|
| Angular Knife, Taylor's sharp point, Fig. 146 | . | . | 0 | 4 | 6 |
| Ditto, ditto, round point, Fig. 144           | . | . | 0 | 4 | 6 |
| Bistoury for Fistula Lachrymalis, Walton's    | . | . | 0 | 4 | 6 |
| Bistoury, Walton's                            | . | . | 0 | 4 | 0 |



Canaliculus Knife, Weber's, Fig. 147 . . . 0 5 0



Canaliculus, Knife, Weber's Improved, Fig. 148 . . . 0 5 0



FIG. 149.

|                                               |       |         |
|-----------------------------------------------|-------|---------|
| Capsular Forceps, with needle-point, Fig. 149 | . . . | £1 10 0 |
| Ditto ditto (Lithotrite pattern)              | . . . | 1 10 0  |
| Ditto ditto ditto with cutting point          | . . . | 1 10 0  |



FIG. 150.

|                                            |       |        |
|--------------------------------------------|-------|--------|
| Capsular Scissors, sharp-pointed, Fig. 150 | . . . | 1 10 0 |
| Ditto, Wyld's, with lever                  | . . . | 1 15 0 |



FIG. 151.

|                                  |           |       |
|----------------------------------|-----------|-------|
| Cataract Knife, Beer's, Fig. 151 | . . . . . | 0 4 6 |
|----------------------------------|-----------|-------|



FIG. 152.

|                                   |           |       |
|-----------------------------------|-----------|-------|
| Cataract Knife, Dixon's, Fig. 152 | . . . . . | 0 4 6 |
|-----------------------------------|-----------|-------|



FIG. 153.

|                                    |           |       |
|------------------------------------|-----------|-------|
| Cataract Knife, Graefe's, Fig. 153 | . . . . . | 0 4 6 |
|------------------------------------|-----------|-------|



FIG. 154.

|                                    |           |       |
|------------------------------------|-----------|-------|
| Cataract Knife, Sichel's, Fig. 154 | . . . . . | 0 4 6 |
| Ditto, Walton's                    | . . . . . | 0 4 6 |



FIG. 155.

Cataract Knife, White Cooper's, Fig. 155 . . . £0 4 6



FIG. 156.

Cautery for Fistula Lachrymalis, Fig. 156 . . . 0 4 6

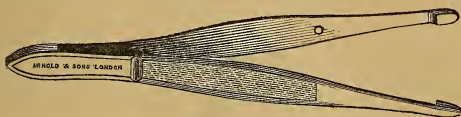


FIG. 157.

Cilia Forceps, various patterns, Fig. 157 . . . 0 4 0



FIG. 158.

Curette, Vulcanite, Fig. 158 . . . 0 5 0



FIG. 159.

Cystatome, Graefe's, left, Fig. 159 . . . 0 4 0



FIG. 160.

Cystatome, Graefe's, right, Fig. 160 . . . 0 4 0  
 Cystatome and Curette, Graefe's . . . 0 7 6



FIG. 161.

Double Spoon (in one handle), Critchett's, Fig. 161 . £0 7 0



FIG. 162.

|                                                  |          |
|--------------------------------------------------|----------|
| Double Spoon (in one handle), Bowman's, Fig. 162 | . 0 7 0  |
| Double Silver Spoon, Schuft's                    | . 0 12 6 |
| Director for Strabismus, Guthrie's               | . 0 4 0  |
| Ditto for the Canaliculus, Critchett's           | . 0 3 0  |
| Double Spud, Bowman's                            | . 0 6 6  |



FIG. 163.

Entropium Forceps, Desmarre's, right, Fig. 163 . 0 8 0



FIG. 164.

Entropium Forceps, Desmarre's, left, Fig. 164 . 0 8 0



FIG. 165.

|                                                    |         |
|----------------------------------------------------|---------|
| Entropium Forceps, improved cross action, Fig. 165 | . 0 8 0 |
| Ditto White Cooper's                               | . 0 8 0 |



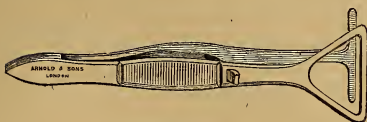


FIG. 166.

Entropium Forceps, Wyld's, Fig. 166 . . . . £0 8 0



FIG. 167.

Eye Compress, Greenslade's, Fig. 167 . . . . 0 15 0

By means of the above instrument a soft level compress affixed to the frame can be applied to the eye without the necessity of using any bandage.

Eye Douche, Bowman's . . . . 0 5 0

Ditto ditto in leather case . . . . 0 6 6

Eye Drop-bottle, Chalk's . . . . 0 2 0

Ditto ditto improved, in case . . . . 0 6 0



FIG. 168.

Eye Fountain, Arnold and Sons' Improved Double-action,  
in morocco case, lined velvet, Fig. 168 . . . . 0 14 0

|                                                                                                                |    |    |   |
|----------------------------------------------------------------------------------------------------------------|----|----|---|
| Eye Fountain, Arnold and Sons' Improved Double-action,<br>electro-plated, in morocco case, lined with velvet . | £0 | 17 | 6 |
| Ditto Arnold and Sons' Single Action . . .                                                                     | 0  | 7  | 6 |
| Ditto ditto electro-plated . . .                                                                               | 0  | 12 | 6 |
| Ditto Savory and Moore's . . .                                                                                 | 0  | 14 | 0 |
| Eyelid Compressor, right and left, Lawrence's . each                                                           | 0  | 12 | 0 |
| Ditto for the lower lid ditto . . .                                                                            | 0  | 10 | 6 |
| Ditto right and left, Snellin's . . each                                                                       | 0  | 12 | 0 |

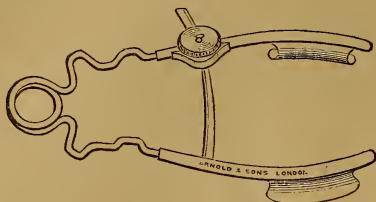


FIG. 169.

|                                                   |   |   |   |
|---------------------------------------------------|---|---|---|
| Eyelid Retractor, with Stop Screw, Fig. 169 . . . | 0 | 6 | 6 |
|---------------------------------------------------|---|---|---|

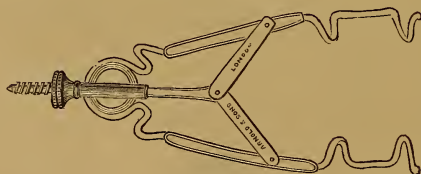


FIG. 170.

|                                                         |   |   |   |
|---------------------------------------------------------|---|---|---|
| Eyelid Retractor, Arnold and Son's Improved, Fig. 170 . | 0 | 7 | 6 |
| Ditto Adam's . . . . .                                  | 0 | 3 | 6 |
| Ditto Bowman's . . . . .                                | 0 | 3 | 6 |
| Ditto Critchett's . . . . .                             | 0 | 6 | 6 |
| Ditto Pellier's . . . . .                               | 0 | 5 | 6 |
| Ditto Walton's . . . . .                                | 0 | 7 | 6 |



FIG. 171.

|                                                     |   |   |   |
|-----------------------------------------------------|---|---|---|
| Eyelid Retractor, large, Desmarre's, Fig. 171 . . . | 0 | 5 | 0 |
|-----------------------------------------------------|---|---|---|



FIG. 172.

Eyelid Retractor, medium, Desmarre's, Fig. 172 . . . £0 4 6



FIG. 173.

Eyelid Retractor, small, Desmarre's, Fig. 173 . . . 0 4 0

Eyeshade, Arnold and Sons' Improved . . . 0 5 0

NOTE.—This eyeshade is fitted with head spring and small pad resting on the forehead, to which is attached a small socket adjustable at any angle required.

Eyeshade, single, covered silk . . . 0 0 6

Ditto double . . . 0 1 0

Ditto Patent Occhiombra, or Transparent, Calken's . 0 5 6

Ditto ditto double texture . . . 0 6 6

Ditto ditto treble texture . . . 0 7 6

Cases for ditto . . . 0 0 6

NOTE.—This eyeshade is made with a very light framework of metal, over which is strained a very fine transparent fabric. They are made in various colours to suit the requirements of those whose eyes require a blue, green, or neutral tint.

Eye Syringe, with bone jet . . . 0 2 6

Eye Syringe with Gold Probe (Anel's Silver), in morocco case . . . 2 0 0

Ditto ditto Electro-plated . . . 1 5 0

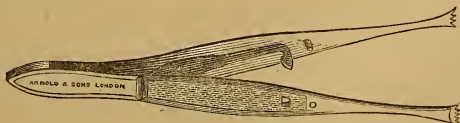


FIG. 174.

Fixation Forceps, Fig. 174 . . . 0 7 0

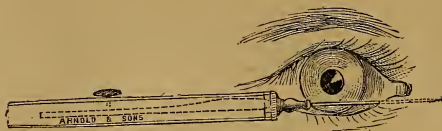


FIG. 175.

Greenslade's Instrument for Slitting the Punctum  
Lachrymale and Canaliculus, complete with Probe, in  
Leather Case, Fig. 175 . . . . . £0 15 0

Extract from *British Medical Journal*, June 14th, 1873:—"Mr. Greenslade has lately invented a little instrument which will certainly prove very useful in ophthalmic surgery. By this simple contrivance it will be seen that all danger is obviated of wounding other structures than those required to be divided in opening the duct; an incident hitherto liable to occur with an unruly patient."

Extract from Dr. Bell's *Manual of Surgical Operation*, 3rd edit., page 150:—"Mr. Greenslade has invented a very ingenious little instrument, of which, through his kindness, I am able to show a woodcut, Fig. 175, for slitting up the canaliculus without having to fit the knife in the groove."



FIG. 176.

|                                       |   |   |   |
|---------------------------------------|---|---|---|
| Hook, and Curette, Fig. 176 . . . . . | 0 | 6 | 6 |
| Hook, Double . . . . .                | 0 | 4 | 0 |
| Hook, Desmarre's . . . . .            | 0 | 4 | 0 |



FIG. 177.

|                                                                                |   |   |   |
|--------------------------------------------------------------------------------|---|---|---|
| Hook for steadying the Eyeball, in Strabismus, straight,<br>Fig. 177 . . . . . | 0 | 4 | 6 |
|--------------------------------------------------------------------------------|---|---|---|



FIG. 178.

|                                                             |   |   |   |
|-------------------------------------------------------------|---|---|---|
| Hook for Steadying the Eyeball, angular, Fig. 178 . . . . . | 0 | 5 | 0 |
|-------------------------------------------------------------|---|---|---|



FIG. 179.

Hook, Lens, Fig. 179 . . . . . £0 4 0



FIG. 180.

Hook, Tyrrell's, Fig. 180 . . . . . 0 4 0



FIG. 181.

Iridectomy Knife, Jaeger's Straight, broad and narrow,  
Fig. 181 . . . . . 0 5 0



FIG. 182.

Iridectomy Knife, angular, with rounded shoulders, Fig. 182 0 5 0



FIG. 183.

Iridectomy Knife, angular, Fig. 183 . . . . . 0 5 0  
Ditto Knife for the extraction of the soft lens,  
Walker's . . . . . 0 5 0  
ditto for the Lachrymal Duct, Walton's . 0 5 0



FIG. 184.

Iris Forceps, curved, Fig. 184 . . . . . 0 5 0



FIG. 185.

Iris Forceps, half curved, Fig. 185 . . . . . £0 5 0



FIG. 186.

Iris Forceps, straight, Fig. 186 . . . . . 0 4 6



FIG. 187.

|                                                           |   |    |   |
|-----------------------------------------------------------|---|----|---|
| Iris Forceps, Liebreich's Improved Cross-action, Fig. 187 | 1 | 10 | 0 |
| Knife, Critchett's . . . . .                              | 0 | 4  | 0 |
| Do., Walker's . . . . .                                   | 0 | 4  | 0 |
| Do., Tyrrell's . . . . .                                  | 0 | 4  | 0 |



FIG. 188.

|                                                         |   |   |   |
|---------------------------------------------------------|---|---|---|
| Lachrymal Duct Knife, Walton's, Fig. 188 . . . . .      | 0 | 4 | 0 |
| Lachrymal Bougies, Laminaria Digitala . . . . . per set | 0 | 3 | 0 |



FIG. 189.

Lens Pricker, with platina stem and steel point, Fig. 189 0 5 6



FIG. 190.

Needle, Bowman's Long Suture, Fig. 190 . . . . . 0 5 0



FIG. 191.

Needle, Bowman's Stop, Fig. 191 . . . . . £0 4 0



FIG. 192.

Needle, Broad-cutting, Fig. 192 . . . . . 0 4 0



FIG. 193.

Needles, Cataract, various patterns, Fig. 193 . . . . . 0 4 0



FIG. 194.

Needle for reclination, Scarpa's, Fig. 194 . . . . . 0 4 0



FIG. 195.

Needle, Grooved Tattooing, Fig. 195 . . . . . 0 4 0

Ditto, Walton's . . . . . 0 4 0

Ditto, Dalrymple's . . . . . 0 4 0



FIG. 196.

Needle, Jacob's curved, Fig. 196 . . . . . 0 4 0

Ditto, Jacob's straight . . . . . 0 4 0



FIG. 197.

Needle for solution, Beer's, Fig. 197 . . . . . 0 4 0



FIG. 198.

Needle for solution, Saunders', Fig. 198 . . . . . 0 4 0

Needle, Hulke's Suture . . . . . 0 5 0



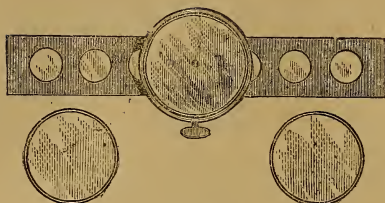


FIG. 199.

Ophthalmoscope, Arnold and Sons' Improved, with shifting Diaphragm, and six Lenses, complete, in case, Fig. 199 £1 1 0



FIG. 200.

|                                                        |             |   |   |   |   |        |
|--------------------------------------------------------|-------------|---|---|---|---|--------|
| Ophthalmoscope, Arnold and Sons' Improved Portable, in |             |   |   |   |   |        |
| vulcanite case, for the pocket, Fig. 200, 10s. 6d. and |             |   |   |   |   | 0 12 6 |
| Ditto                                                  | Coccini's   | . | . | . | . | 0 17 6 |
| Ditto                                                  | Critchett's | . | . | . | . | 1 1 0  |
| Ditto                                                  | Zehender's  | . | . | . | . | 1 4 0  |

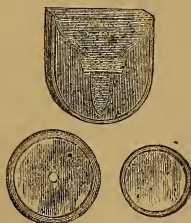


FIG. 201.

Ophthalmoscope, Bader's, in leather case, Fig. 201  
12s. 6d. and 0 15 0

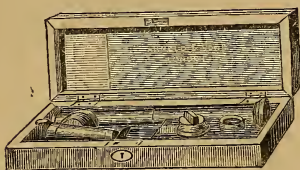


FIG. 202.

Ophthalmoscope, Beale's self-illuminating, in Mahogany  
case complete as, Fig. 202 . . . . . £2 2 0

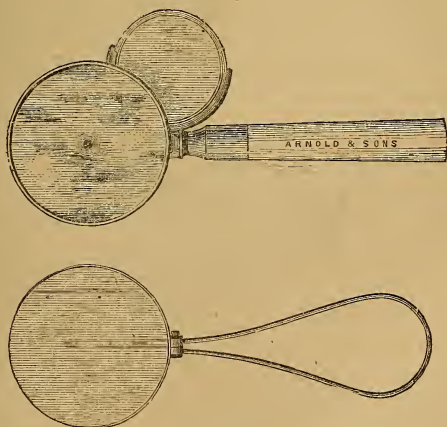


FIG. 203.

|                                                         |                                                   |   |   |   |
|---------------------------------------------------------|---------------------------------------------------|---|---|---|
| Ophthalmoscope by Professor Brown, with Lenses, &c., in |                                                   |   |   |   |
| leather case, complete, Fig. 203 . . . . .              |                                                   | 1 | 1 | 0 |
| Ditto                                                   | Carter's small, for direct examinations . . . . . | 1 | 1 | 0 |
| Ditto                                                   | ditto Demonstrating . . . . .                     | 6 | 6 | 0 |

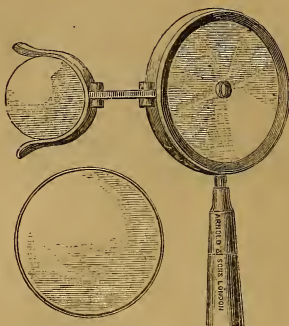


FIG. 204.

|                                                                               |    |   |   |
|-------------------------------------------------------------------------------|----|---|---|
| Ophthalmoscope, Liebreich's, with Lenses, complete, in leather case, Fig. 204 | £1 | 0 | 0 |
| Ditto Soelberg Wells' Portable, with lenses, &c., complete in morocco case    | 1  | 1 | 0 |

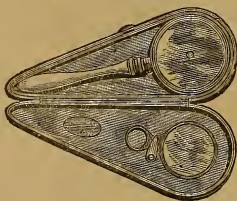


FIG. 205.

|                                                                               |   |    |   |
|-------------------------------------------------------------------------------|---|----|---|
| Ophthalmoscope, with Reflector and Magnifying Lens, in morocco case, Fig. 205 | 0 | 12 | 0 |
| Probe for the Lachrymal Duct, Walton's                                        | 0 | 3  | 0 |
| Probes, Bowman's set of, in metal case                                        | 0 | 8  | 6 |



FIG. 206.

|                                    |   |   |   |
|------------------------------------|---|---|---|
| Puncture Knife, Bowman's, Fig. 206 | 0 | 4 | 0 |
|------------------------------------|---|---|---|



FIG. 207.

Scalpels, Various, Fig. 207 . . . . . £0 4 0



FIG. 208.

Scarifying Knife, Fig. 208 . . . . . 0 4 0

Ditto Desmarre's . . . . . 0 5 0

Schult's Forceps . . . . . 0 8 0

Scissors, Bowman's . . . . . 0 6 0

Ditto, Canaliculus . . . . . 0 7 0

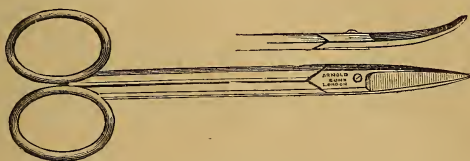


FIG. 209.

Scissors, Eye, curved, Fig. 209 . . . . . 0 7 6

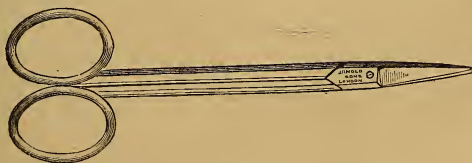


FIG. 210.

Scissors, Eye, straight, Fig. 210 . . . . . 0 6 0



FIG. 211.

Scissors, Maunoir's Iris, right and left, each, Fig. 211 . . 0 7 6

|                                            |    |   |   |
|--------------------------------------------|----|---|---|
| Scissors, Maunior's Iris, curved . . . . . | £0 | 7 | 6 |
| Ditto, Maunior's straight . . . . .        | 0  | 6 | 0 |

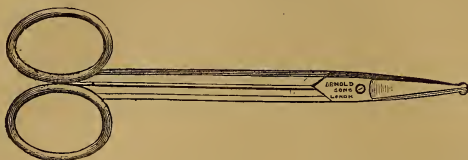


FIG. 212.

|                                                                   |   |   |   |
|-------------------------------------------------------------------|---|---|---|
| Scissors, Strabismus, probe-pointed, Bowman's, Fig. 212 . . . . . | 0 | 6 | 0 |
|-------------------------------------------------------------------|---|---|---|

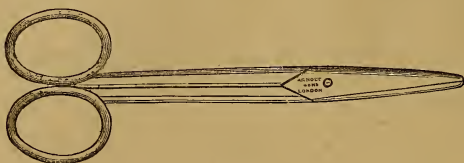


FIG. 213.

|                                                         |   |   |   |
|---------------------------------------------------------|---|---|---|
| Scissors, Strabismus, round-pointed, Fig. 213 . . . . . | 0 | 6 | 0 |
| Ditto ditto Critchett's . . . . .                       | 0 | 6 | 0 |



FIG. 214.

|                                                 |   |   |   |
|-------------------------------------------------|---|---|---|
| Secondary Knife, Desmarre's, Fig. 214 . . . . . | 0 | 4 | 6 |
|-------------------------------------------------|---|---|---|



FIG. 215.

|                                                                                       |   |    |   |
|---------------------------------------------------------------------------------------|---|----|---|
| Secondary Knife, small, Fig. 215 . . . . .                                            | 0 | 4  | 0 |
| Silver Eye Syringe, Walton's complete, with Three Pipes,<br>in morocco case . . . . . | 1 | 17 | 6 |
| Spud, curved, Walton's . . . . .                                                      | 0 | 4  | 0 |
| Spud, Walton's . . . . .                                                              | 0 | 4  | 0 |
| Strabismus Forceps . . . . .                                                          | 0 | 3  | 6 |



FIG. 216.

Strabismus Hook, Bowman's, Fig. 216 . . . . 0 3 6



FIG. 217.

Strabismus Hook, Cowell's, Fig. 217 . . . . 0 4 0

Strabismus Knife, Guthrie's . . . . 0 4 0

ditto Beer's . . . . 0 4 0

Styles for Fistula Lachrymalis, Ware's . . . . 0 1 6

Ditto ditto gilt . . . . 0 2 0

Ditto (hollow), Arnold and Sons' . . . . 0 2 0



FIG. 218.

Vector for Extraction of Soft Lens, Taylor's, Fig. 218 . . 0 7 6

Walton's Director . . . . 0 4 0



FIG. 219.

Walton's Foreign Body Scoop, Fig. 219 . . . . 0 4 0



**LITHOTOMY AND LITHOTRITY INSTRUMENTS.**

Mahogany case, brass bound and lined silk velvet, containing—

Three Steel Thompson's Sounds.

One Female ditto.

Four Lithotomy Staffs.

Two pairs Liston's Forceps.

One ditto, curved.

Two Liston's Knives.

Two Scoops.

Two Elastic Gum Tubes.

Two Web Bandages.

The above, complete . . . . . £6 15 0

Super Mahogany case, brass bound and lined silk velvet, containing—

Three Sir H. Thompson's straight Forceps.

One ditto curved ditto.

Three Liston's Knives.

One Sir H. Thompson's Knife.

Four Steel Sounds, Male.

One ditto Female.

Four Lateral Staffs.

Three Median ditto.

Two Hollow Sounds, plated.

Two Scoops.

One Clover's ditto, bent.

Three Silver-mounted Elastic Gum Tubes.

One Searcher.

Syringe and Stop-cock, with Sir H. Thompson's Ball Nozzle for the Bladder.

Prichard's Leather Cuffs and Anklets.

The case as above . . . . . 13 15 0

Case of Lithotritry Instruments, brass bound and lined silk velvet, containing—

Sir H. Thompson's Lithotrite.

Lithotrite, with Flat Blade (for *débris*).



Lithotrite, with flat Blade (for *débris*), for Children.

Forceps for removing fragments.

Silver Catheter, Hall marked.

Brass Syringe for ditto.

The above, complete . . . . . £18 18 0

|                                                                                                    |        |
|----------------------------------------------------------------------------------------------------|--------|
| Bistoury, Concealed . . . . .                                                                      | 0 15 0 |
| Bladder Syringe and Stop-cock, fitted with Sir H. Thompson's plated Ball Nozzle, in case . . . . . | 1 6 0  |
| Brass Catheter Syringe . . . . .                                                                   | 0 10 6 |
| Calculus Extractor, Hainworth's . . . . .                                                          | 1 1 0  |
| Ditto Luer's . . . . .                                                                             | 1 10 0 |
| Ditto Sir A. Cooper's . . . . .                                                                    | 1 15 0 |

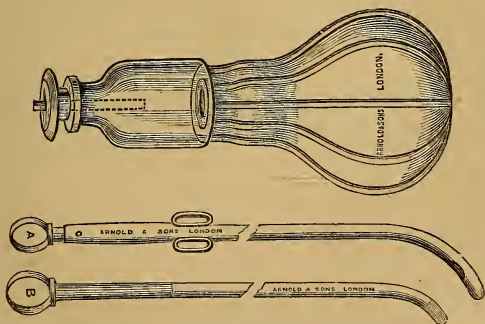


FIG. 220.

|                                                                                                               |        |
|---------------------------------------------------------------------------------------------------------------|--------|
| Débris Extractor (by suction) Clover's, Fig. 220 . . . . .                                                    | 1 12 0 |
| Dilator, Teale's, three blades, for Median Lithotomy . . . . .                                                | 2 10 0 |
| Ditto Vincent Jackson's two-bladed ditto . . . . .                                                            | 2 2 0  |
| Double Channel Catheter, Brodie's Silver Hall Marked, for Injecting the Bladder (continuous stream) . . . . . | 1 10 0 |
| Ditto ditto Arnold and Sons' Improved . . . . .                                                               | 1 14 0 |
| Gorgets, Blunt . . . . .                                                                                      | 0 6 6  |
| Ditto Cutting . . . . .                                                                                       | 0 8 6  |
| Instrument for Extracting Foreign Bodies from the Urethra, Leroy D'Etoile's . . . . .                         | 1 10 0 |
| Instrument for Extracting small Stones, Ferguson's . . . . .                                                  | 2 2 0  |

|                            |   |   |   |   |   |   |    |    |   |
|----------------------------|---|---|---|---|---|---|----|----|---|
| Lithoclast, Urethral       | . | . | . | . | . | . | £1 | 16 | 0 |
| Lithotome, with two blades | . | . | . | . | . | . | 2  | 17 | 6 |

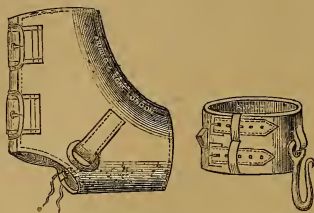


FIG. 221.

|                                           |                    |   |              |   |    |   |
|-------------------------------------------|--------------------|---|--------------|---|----|---|
| Lithotomy Bandages, Pritchard's, Fig. 221 | .                  | . | per set      | 1 | 1  | 0 |
| Ditto                                     | Flannel            | . | .            | 0 | 1  | 6 |
| Lithotomy Forceps, Sir H. Thompson's      | 9s., 11s. 6d., and | . | .            | 0 | 14 | 0 |
| Ditto                                     | Cross Action       | . | 10s. 6d. and | 0 | 12 | 6 |

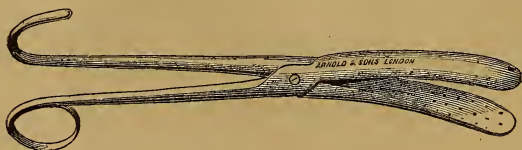


FIG. 222.

|                                     |   |   |               |   |    |   |
|-------------------------------------|---|---|---------------|---|----|---|
| Lithotomy Forceps, Curved, Fig. 222 | . | . | 7s., 9s., and | 0 | 11 | 0 |
|-------------------------------------|---|---|---------------|---|----|---|



FIG. 223.

|                                       |   |   |               |   |    |   |
|---------------------------------------|---|---|---------------|---|----|---|
| Lithotomy Forceps, Straight, Fig. 223 | . | . | 7s., 9s., and | 0 | 11 | 0 |
|---------------------------------------|---|---|---------------|---|----|---|



FIG. 224.

|                                      |   |   |   |   |   |   |   |
|--------------------------------------|---|---|---|---|---|---|---|
| Lithotomy Knife, Blizard's, Fig. 224 | . | . | . | . | 0 | 5 | 6 |
|--------------------------------------|---|---|---|---|---|---|---|

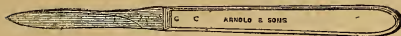


FIG. 225.

Lithotomy Knife, Brodie's, Fig. 225 . . . . £0 3 6

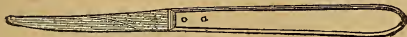


FIG. 226.

Lithotomy Knife, Erichsen's, Fig. 226 . . . . 0 3 6  
Ditto Key's . . . . 0 3 6

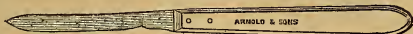


FIG. 227.

Lithotomy Knife, Liston's, Fig. 227 . . . . 0 3 6  
Ditto probe point, Ferguson's . . . . 0 4 0



FIG. 228.

Lithotomy Knife, Thompson's, Fig. 228 . . . . 0 5 6  
Ditto Webber's . . . . 0 15 0



FIG. 229.

Lithotomy Knife, Wormald's, Fig. 229 . . . . 0 5 6  
Lithotomy Scoop, three sizes . . . . each 0 5 0  
Ditto Clover's Bent . . . . 0 5 6  
Ditto Erichsen's . . . . 0 6 6  
Ditto Ferguson's double, two sizes, 8s. 6d. and 0 10 6  
Ditto Davy's, with net . . . . 0 12 6  
Lithotomy Sound, Steel, solid handles . . . . 0 3 6  
Ditto Children's . . . . 0 3 6  
Ditto Female . . . . 0 3 6  
Ditto ditto Sir H. Thompson's, bulbous 0 3 6



FIG. 230.

Lithotomy Sound, with plated fluted handle, as Fig. 230 0 6 0  
Ditto Sir H. Thompson's, hollow, silver plated 0 15 0

*Sounds are made in sizes from Nos. 1 to 14.*

|                                              |   |   |    |    |   |
|----------------------------------------------|---|---|----|----|---|
| Lithotomy Staff, Buchanan's Rectangular      | . | . | £0 | 7  | 6 |
| Ditto ditto Female                           | . | . | 0  | 4  | 0 |
| Ditto Liston's Lateral Groove                | . | . | 0  | 7  | 6 |
| Ditto Children's                             | . | . | 0  | 6  | 6 |
| Ditto Syme's                                 | . | . | 0  | 7  | 6 |
| Ditto Teevan's                               | . | . | 0  | 5  | 6 |
| Lithotrite, Brodie's                         | . | . | 4  | 0  | 0 |
| Ditto Civial's Brise Pierre, for the Urethra | . | . | 3  | 10 | 0 |

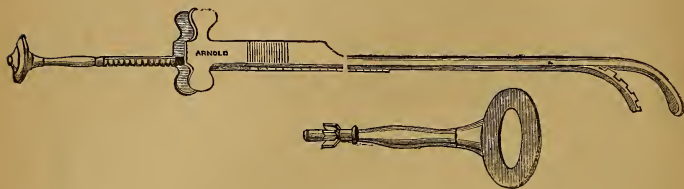


FIG. 231.

Lithotrite, Ferguson's Improved, Fig. 231 . 4 0 0

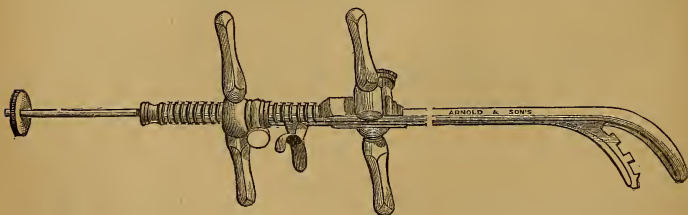


FIG. 232.

Lithotrite, with Percussion Rod, Fig. 232 . 4 4 0  
 Ditto, Liston's Improved . 4 0 0  
 Ditto, Teevan's Improved . 6 0 0

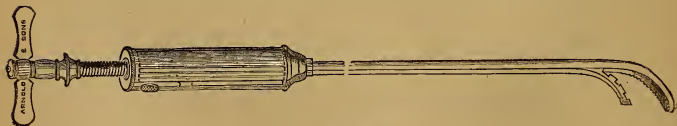


FIG. 233.

Lithotrite, Sir H. Thompson's. (By a simple arrangement the above Lithotrite can instantly be converted from sliding to screw action.) Fig. 233 . 5 10 0

Lithotrite, Sir H. Thompson's, with flat Blade for *débris* £5 5 0



FIG. 234.

|                                                                                                                                                        |   |   |   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|
| Lithotrite, without screw motion, for children, Fig. 234 .                                                                                             | 3 | 0 | 0 |
| Nélaton's Instrument for drilling the stone . . . .                                                                                                    | 4 | 4 | 0 |
| Scoop for extracting fragments from the urethra . . .                                                                                                  | 0 | 8 | 6 |
| Silver Catheters, Erichsen's, for <i>débris</i> , with elastic gum<br>stilettes, aperture at end, on the inside of curve, and<br>at the side . . . . . | 1 | 1 | 0 |
| Tubes, Elastic (silver mounts) . . . . .                                                                                                               | 0 | 3 | 6 |



FIG. 235.

Urethra Forceps, Arnold & Sons' Improved Cross Action 0 15 0

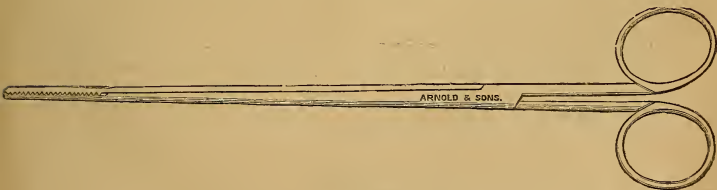


FIG. 236.

Urethra Forceps, Sir H. Thompson's, Fig. 236 . . . 0 7 6

## CAUSTIC CASES.



FIG. 237.

|                                                                                                                     |        |    |      |
|---------------------------------------------------------------------------------------------------------------------|--------|----|------|
| Arnold and Sons' Seamless Tube, silver Caustic Case, with platina spring holder, adjustable to any size             |        |    |      |
| Caustic, Fig. 237                                                                                                   | small  | £0 | 12 0 |
| Ditto ditto ditto                                                                                                   | medium | 0  | 15 0 |
| Ditto ditto ditto                                                                                                   | large  | 0  | 17 6 |
| Ebony Caustic Case, with silver holder                                                                              |        | 0  | 3 6  |
| Ditto Speculum Case, fitted with silver Caustic Holder (palladium), Sponge Holder and Scarifying Lancet, complete.  |        | 0  | 12 6 |
| Electro-plated Caustic Case                                                                                         |        | 0  | 3 6  |
| Ditto ditto with Exploring Needle                                                                                   |        | 0  | 7 6  |
| Ditto ditto with Sponge Holder                                                                                      |        | 0  | 7 6  |
| Ivory Caustic Case, portable                                                                                        |        | 0  | 1 6  |
| Ditto and Precipitate Case                                                                                          |        | 0  | 2 0  |
| Ditto Speculum Case, fitted with silver Caustic Holder (palladium), Sponge Holder, and Scarifying Lancet, complete. |        | 1  | 1 0  |
| Ophthalmic Caustic Case, with propelling screw                                                                      |        | 0  | 12 6 |
| Platinum Caustic Case                                                                                               |        | 1  | 15 0 |
| Silver Caustic and Precipitate Case                                                                                 |        | 0  | 12 6 |
| Silver Caustic Case, small (plain holder)                                                                           |        | 0  | 6 6  |
| Ditto gilt holder                                                                                                   |        | 0  | 8 6  |

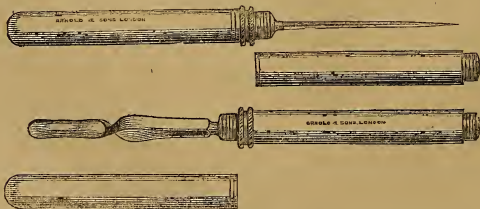


FIG. 238.

|                                                                  |   |   |   |
|------------------------------------------------------------------|---|---|---|
| Silver Seamless Tube Caustic Case and Exploring Needle, Fig. 238 | 1 | 0 | 0 |
|------------------------------------------------------------------|---|---|---|

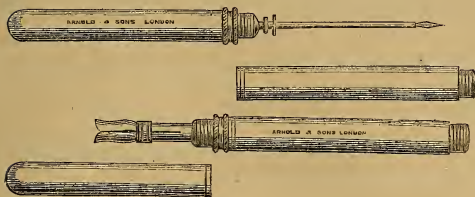


FIG. 239.

Silver Seamless Tube Caustic Case and Exploring Trocar,  
Fig. 239 . . . . . £1 1 0



FIG. 240.

Silver Seamless Tube Caustic Case with Imray's Scoop  
and Eye Spud, Fig. 240 . . . . . 1 5 0  
Ditto with Exploring Trocar, Canula, and  
Walton's Foreign Body Scoop . . . . . 1 7 6  
Vulcanite Caustic Holder, portable . . . . . 0 2 6  
Ditto long . . . . . 0 3 6

## VACCINATING LANCETS, &c.

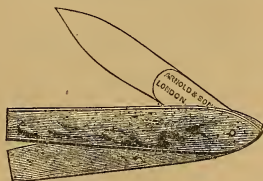


FIG. 241.

Abscess Lancet, in tortoise-shell . . . . . 0 2 6  
Bleeding Lancet, in tortoise-shell, as Fig. 241 . . . . . 0 1 6  
Ditto in pearl . . . . . 0 2 6  
Lancet Case, one-hole, Leather . . . . . 0 0 6  
Ditto two-hole . . . . . 0 0 8  
Ditto four-hole . . . . . 0 1 0



|                                                                  |    |    |   |
|------------------------------------------------------------------|----|----|---|
| Lancet Case, plain, Silver . . . . .                             | £0 | 12 | 0 |
| Ditto engine turned, for two Lancets . . . . .                   | 0  | 18 | 0 |
| Ditto ditto for four ditto . . . . .                             | 1  | 3  | 6 |
| Vaccinating Bottle with Glass Quill for Lymph, in case . . . . . | 0  | 1  | 6 |
| Vaccinating Lancet and Bottle, in case . . . . .                 | 0  | 5  | 6 |
| Ditto Lancet, in tortoise-shell . . . . .                        | 0  | 2  | 6 |



FIG. 242.



FIG. 243.

|                                                                                                     |   |   |   |
|-----------------------------------------------------------------------------------------------------|---|---|---|
| Vaccinator, Arnold and Sons' Improved Pencil Case, with bayonet joint, in sterling silver . . . . . | 0 | 7 | 6 |
| Ditto ditto with case for Capillary Tubes, as Figs. 242 and 243 . . . . .                           | 0 | 9 | 0 |

Fig. 242 shows the instrument closed, and Fig. 243 the instrument ready for use, with the case for capillary tubes open.

The above is a very convenient form of instrument for vaccinating, it is very portable, and the blade is protected in its case by means of a bayonet joint, and has simply to be reversed when required for use; the capillary tubes are kept in the handle. It is the size of an ordinary pencil case.

|                                                                                  |   |    |   |
|----------------------------------------------------------------------------------|---|----|---|
| Vaccinator, Dr. R. Harvey Hilliard's, in electro-plated case, complete . . . . . | 0 | 12 | 6 |
| Ditto Spratley's, in ivory, turn-back case . . . . .                             | 0 | 2  | 6 |

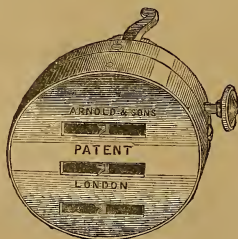


FIG. 244.

|                                                                                                              |   |   |   |
|--------------------------------------------------------------------------------------------------------------|---|---|---|
| Vaccinator, Dr. Mallam's Patent Instantaneous, with two teeth, in morocco case, complete, Fig. 244 . . . . . | 1 | 1 | 0 |
| Ditto three teeth ditto . . . . .                                                                            | 1 | 1 | 0 |
| Ditto four teeth ditto . . . . .                                                                             | 1 | 5 | 0 |

*Extract from 'Lancet,' Feb. 28th, 1874.*—"The celerity with which the operation can be performed will of itself recommend this instrument to all gentlemen in high-class practice."

*Extract from 'Medical Times and Gazette,' March 7th, 1874.*—"This elegant little instrument, manufactured by the patentees, Messrs. Arnold & Sons, of 35 and 36, West Smithfield, is to some extent an adaptation of the cupping scarificator for vaccination purposes."

*Extract from 'British Medical Journal,' March 14th, 1874.*—"Instead of being armed with lancets like the scarificator, it has three steel teeth, gilded to prevent rusting, placed at equal distances from each other, and which being set by the trigger are released by pressure on the knob, producing three abrasions on the skin *instantaneously*."

*Extract from 'Medical Press and Circular,' March 18th, 1874.*—"We have before us a little instrument designed by Mr. Mallam and patented by Messrs. Arnold & Sons, Surgical Instrument Makers to St. Bartholomew's Hospital. The perforated surface is concave so as to fit the arms of an infant, and the depth of the blades can be easily regulated by a simple screw arrangement. The simplicity of the instrument, together with the celerity with which the operation can be performed, will of itself recommend it to the profession."

*Extract of a Letter received from B. Mallam, Esq.*—"I have used the Vaccinator for more than twelve months in my practice, and have found that it answered better than anything I have hitherto used. The patients are greatly pleased with it, and I have been applied to for vaccination by patients who would not otherwise have come to me. The old nurses speak loudly in praise of the instrument."

|                                                |    |   |   |
|------------------------------------------------|----|---|---|
| Vaccinator, Weir's, with pins . . . . .        | £0 | 3 | 0 |
| Ditto Cooper Rose's . . . . .                  | 0  | 7 | 6 |
| Vaccine Inciter, Nicholas's . . . . .          | 0  | 6 | 6 |
| Ditto ditto without handle . . . . .           | 0  | 5 | 6 |
| Vaccine Points, Ivory, per hundred . . . . .   | 0  | 2 | 6 |
| Vaccine Tubes, Capillary, per bundle . . . . . | 0  | 1 | 0 |
| Cases for ditto . . . . .                      | 0  | 0 | 6 |

## CUPPING INSTRUMENTS.

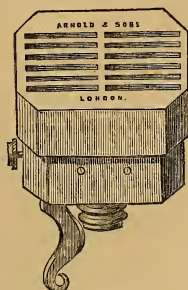


FIG. 245.

A Mahogany Case, containing—  
Scarificator.

Brass Lamp.  
Nest of Cupping Glasses.  
Spirit Bottle.

The above, complete . . . . . £2 6 0

---

A Mahogany Case, containing—

Arnold and Sons' Improved Scarificator.  
Bayfield's Ball Lamp.  
Spirit Bottle, Cut-Glass.  
Two Nests Cupping Glasses.

The above, complete . . . . . 2 15 0

---

A Mahogany brass-bound Case, lined silk velvet, containing—

Arnold and Sons' Improved Scarificator.  
Air Pump, brass.  
Five (valve) Glasses.

The above, complete . . . . . 3 10 6

---

Superior Mahogany Case, brass-bound, and lined silk velvet, containing—

Arnold and Sons' Improved Large Scarificator.  
Ditto Temple ditto.  
Bayfield's Ball Lamp.  
Spirit Bottle, Cut-Glass.  
Two Nests Cupping Glasses.

The above, complete . . . . . 4 9 0

---

Air Pump, brass, with six Cupping Glasses, valved for  
dry cupping . . . . . 0 17 6  
Cupping Bottles, stout rubber . . . . . 0 2 6  
Ditto, Glasses . . . . . 9d., 10d., 1s., and 0 1 2  
Ditto, Lamp, brass . . . . . 0 2 6  
Ditto Bayfield's . . . . . 0 3 6  
Ditto Fox's . . . . . 0 2 0

|                                                                                                              |    |    |   |
|--------------------------------------------------------------------------------------------------------------|----|----|---|
| Scarificator, Arnold and Sons' Improved, with twelve blades, cutting in opposite directions, super, Fig. 245 | £1 | 15 | 0 |
| Ditto Temple, four blades . . . . .                                                                          | 1  | 4  | 0 |
| Ditto ditto eight ditto . . . . .                                                                            | 1  | 9  | 6 |
| Scarificator Case (leather) . . . . .                                                                        | 0  | 3  | 0 |



FIG. 246.

Dr. Brown's Infant Cupping Instrument for croup,  
Fig. 246 . . . . . 1 1 0

Dr. F. J. Brown writes: "Messrs. Arnold and Sons have designed and made an infant's cupping instrument, with three lancets, for the purpose of abstracting blood rapidly from young children suffering from croup.

"I never lose a child when I bleed it early in the disease, but I cannot always find a vein in infants of one or two years.

"Leeches draw blood too slowly. Effectual relief can only be given by rapid abstraction of blood, such as venesection or cupping. If the instrument be applied between the shoulders or to the nape of the neck the scars will not be an eyesore in after life."

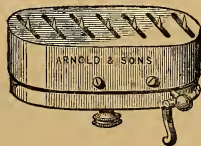


FIG. 247.

Dr. T. Wilson's Instrument for Anasarca, Fig. 247. . . 1 5 0

Dr. Thomas Wilson writes: "I stated my wants to Messrs. Arnold and Sons' instrument manufacturers, 35 and 36, West Smithfield, London. They, after much trouble, produced the instrument, *as seen in the accompanying diagram*. This instrument is so rapid in its action that the scarifications are made almost without pain; the lancets can be set to the depth required. I have regularly used it ever since with the most satisfactory results."

## ECRASEURS.



FIG. 248.

Ecraseur, Arnold and Sons' Improved Wire, very superior,

|          |       |            |   |   |   |    |   |   |
|----------|-------|------------|---|---|---|----|---|---|
| Fig. 248 | .     | .          | . | . | . | £3 | 0 | 0 |
| Ditto    | ditto | small size | . | . | . | 2  | 2 | 0 |

This instrument is so constructed that it is almost impossible for the wire to be broken. On the outer side of the instrument are attached rollers on which the wire traverses, which prevents contact with any sharp edges, and consequently is drawn through with greater ease and regularity.

*Extract from 'Irish Hospital Gazette,' June 16th, 1873, page 184.*—"We were pleased to find the instrument worked admirably, and in a few seconds the growth was cleanly removed without a teaspoonful of blood having been lost. The Improved Wire Ecraseur was supplied by Messrs. Arnold and Sons, of London. It seems peculiarly adapted for such cases, the wire being so prepared that it is almost impossible it can be broken."

Ecraseur, Arnold and Sons', curved and straight ends . 4 0 0

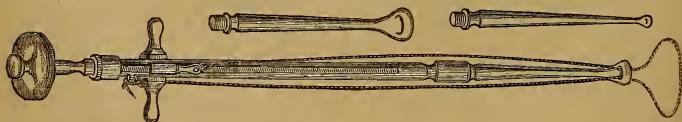


FIG. 249.

Ecraseur, Braxton Hick's Wire-rope, with three moveable ends, of different sizes, Fig. 249 . . . . . 3 3 0

|       |       |                         |   |   |   |   |   |
|-------|-------|-------------------------|---|---|---|---|---|
| Ditto | ditto | for polypi uteri, small | . | . | 1 | 0 | 0 |
| Ditto | ditto | ditto large             | . | . | 2 | 2 | 0 |

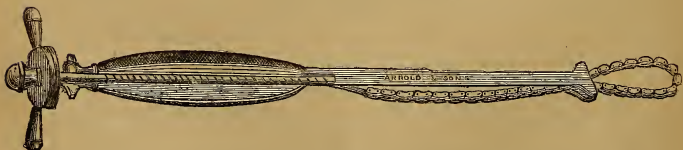


FIG. 250.

Ecraseur, Chassaignac's, straight, Fig. 250 . . . . . 3 0 0

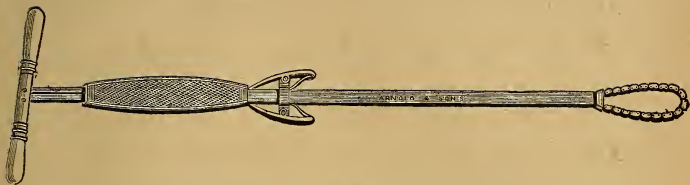


FIG. 251.

|                                                                                                  |    |   |   |
|--------------------------------------------------------------------------------------------------|----|---|---|
| Ecraseur, Chassaignac's curved, Fig. 251 . . . . .                                               | £3 | 0 | 0 |
| Ditto Galvanic, with curved and straight ends, and<br>platinum wire, complete, in case . . . . . | 4  | 4 | 0 |



FIG. 252.

|                                               |   |   |   |
|-----------------------------------------------|---|---|---|
| Ecraseur, Heywood Smith's, Fig. 252 . . . . . | 3 | 3 | 0 |
|-----------------------------------------------|---|---|---|

This instrument is so constructed that the wire can be attached without passing through the small groove at the end; by simply turning the upper portion, which rotates by means of a screw, the wire is readily admitted.

|                                       |   |   |   |
|---------------------------------------|---|---|---|
| Ecraseur, Meadows' Wire . . . . .     | 2 | 2 | 0 |
| Ditto Sim's Portable Chain . . . . .  | 5 | 0 | 0 |
| Ditto ditto with guillotine . . . . . | 5 | 0 | 0 |

## CATHETERS.

All the best quality catheters are manufactured with Arnold and Sons' improved protecting spiral web, which greatly strengthens the instrument and increases its durability.



FIG. 253. ARNOLD AND SONS' CATHETER GAUGE.

|                                        |        |   |   |   |
|----------------------------------------|--------|---|---|---|
| Alfred King's Wheel Catheter . . . . . | 7/6 to | 1 | 0 | 0 |
|----------------------------------------|--------|---|---|---|

Is very useful in cases of old stricture; the small wheel at the end of the instrument greatly facilitates the passing of the Catheter.

Angove's silver Catheter, Figs. 258 and 259 . 7/6 to £1 0 0  
 Arnold and Sons' Catheters, silver, Hall marked :

| No. | 1    | 2    | 3    | 4    | 5    | 6    | 7   | 8    |
|-----|------|------|------|------|------|------|-----|------|
|     | 5/-  | 5/6  | 6/-  | 6/6  | 7/6  | 8/-  | 9/- | 10/- |
|     | 9    | 10   | 11   | 12   | 13   | 14   |     |      |
|     | 11/- | 12/- | 13/- | 14/- | 18/- | 20/- |     |      |

Arnold and Sons' Catheters, extra stout silver, Hall marked :

| No. | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    |
|-----|------|------|------|------|------|------|------|------|
|     | 7/-  | 7/6  | 8/-  | 9/-  | 10/- | 11/- | 12/- | 13/6 |
|     | 9    | 10   | 11   | 12   | 13   | 14   |      |      |
|     | 14/6 | 15/6 | 16/6 | 17/6 | 22/6 | 25/- |      |      |

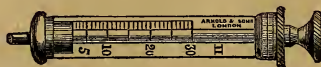


FIG. 254.



FIG. 255.

Berkeley Hill's Caustic Injector, for Chronic Urethral

|                                                             |   |    |   |
|-------------------------------------------------------------|---|----|---|
| Discharges, Figs. 254 and 255 . . . . .                     | 1 | 10 | 6 |
| Blood Catheter, with elastic gum stilette, silver . . . . . | 1 | 10 | 0 |
| Ditto ditto plated . . . . .                                | 0 | 10 | 0 |
| Ditto with stop-cock silver . . . . .                       | 2 | 2  | 0 |
| Ditto ditto plated . . . . .                                | 0 | 12 | 6 |

Brodie's extra stout silver Catheters, Hall marked, with chequered ebony handles :

| No. | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    |
|-----|------|------|------|------|------|------|------|------|
|     | 9/6  | 9/6  | 10/- | 11/- | 11/6 | 13/- | 14/6 | 16/- |
|     | 9    | 10   | 11   | 12   | 13   | 14   |      |      |
|     | 17/6 | 18/6 | 20/- | 21/6 | 23/- | 24/6 |      |      |

Brodie's Prostate Catheters, with chequered ebony handles, stout silver :

| No. | 4    | 5    | 6    | 7    | 8    | 9    | 10   |
|-----|------|------|------|------|------|------|------|
|     | 14/- | 15/- | 16/- | 17/6 | 19/6 | 22/- | 22/6 |
|     | 11   | 12   | 13   | 14   |      |      |      |
|     | 24/- | 25/6 | 26/6 | 27/6 |      |      |      |



Brodie's Prostate Catheters, with chequered ivory handles, extra stout silver :

| No. 6                                                                                                                                        | 7    | 8    | 9    | 10   | 11     |
|----------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|--------|
| 17/6                                                                                                                                         | 19/- | 21/- | 23/6 | 24/- | 25/6   |
|                                                                                                                                              | 12   | 13   | 14   |      |        |
|                                                                                                                                              | 27/- | 28/- | 29/6 |      |        |
| Catheter Case, japanned tin . . . . .                                                                                                        |      |      |      |      | £0 3 6 |
| Ditto leather, for 3 catheters . . . . .                                                                                                     |      |      |      |      | 0 3 6  |
| Ditto ditto 6 ditto . . . . .                                                                                                                |      |      |      |      | 0 4 6  |
| Ditto ditto 12 ditto . . . . .                                                                                                               |      |      |      |      | 0 6 6  |
| Complete set of stoutest silver, Hall-marked Catheters, from No. 1 to 12, cut-glass oil bottle, in morocco case, lined silk velvet . . . . . |      |      |      |      | 5 10 0 |
| Coulson's (silver), with palladium holder and fused Caustic for applying to neck of the bladder . . . . .                                    |      |      |      |      | 1 11 6 |
| Improved ditto ditto . . . . .                                                                                                               |      |      |      |      | 1 16 0 |
| Dawson's stout silver Catheter, for applying Ointments, Fig. 256 . . . . .                                                                   |      |      |      |      | 1 10 0 |
| Double Channel Catheter, Brodie's (silver), for injecting the bladder, continuous stream . . . . .                                           |      |      |      |      | 1 10 0 |
| Ditto ditto with brass syringe attached . . . . .                                                                                            |      |      |      |      | 1 17 6 |
| Ditto ditto Arnold and Sons' Improved . . . . .                                                                                              |      |      |      |      | 1 14 0 |
| Ditto ditto ditto electro-plated . . . . .                                                                                                   |      |      |      |      | 0 16 6 |
| Ditto ditto ditto elastic gum . . . . .                                                                                                      |      |      |      |      | 0 8 6  |
| Ditto ditto Female, silver . . . . .                                                                                                         |      |      |      |      | 0 12 6 |
| Ditto ditto ditto Arnold & Sons' Improved . . . . .                                                                                          |      |      |      |      | 1 1 0  |
| Elastic Gum Web Catheters, extra superior, especially prepared to stand any climate. Nos. 1 to 12, per doz. . . . .                          |      |      |      |      | 0 18 0 |
| Ditto ditto Conical . . . . . ditto                                                                                                          |      |      |      |      | 1 1 0  |
| Ditto ditto Second Quality . . . . . ditto                                                                                                   |      |      |      |      | 0 12 0 |
| Ditto ditto ditto Conical . . . . . ditto                                                                                                    |      |      |      |      | 0 15 0 |
| Ditto ditto Common . . . . . ditto                                                                                                           |      |      |      |      | 0 6 0  |
| Ditto ditto ditto Conical . . . . . ditto                                                                                                    |      |      |      |      | 0 8 0  |
| Ditto Prostate Catheters, . . . . . each                                                                                                     |      |      |      |      | 0 3 6  |
| Ditto ditto Second quality . . . . . "                                                                                                       |      |      |      |      | 0 2 6  |
| Ditto ditto Common ditto . . . . . "                                                                                                         |      |      |      |      | 0 1 9  |
| Ditto ditto Double Channel Catheters . . . . .                                                                                               |      |      |      |      | 0 8 6  |
| Ditto ditto Second Quality . . . . .                                                                                                         |      |      |      |      | 0 7 0  |
| Ditto Catheters, Mercier's à Condées, . . . . . per doz.                                                                                     |      |      |      |      | 1 1 0  |
| Ditto Mercier Bi Condées . . . . . "                                                                                                         |      |      |      |      | 1 5 0  |
| Erichsen's silver fluid Caustic Catheter . . . . . each                                                                                      |      |      |      |      | 1 7 6  |
| Ditto Ointment Catheter, Fig. 262 . . . . .                                                                                                  |      |      |      |      | 1 10 0 |
| Female Catheter, Elastic Gum Web . . . . .                                                                                                   |      |      |      |      | 0 1 0  |
| Ditto plated . . . . .                                                                                                                       |      |      |      |      | 0 4 0  |
| India-rubber Catheter . . . . .                                                                                                              |      |      |      |      | 0 2 0  |

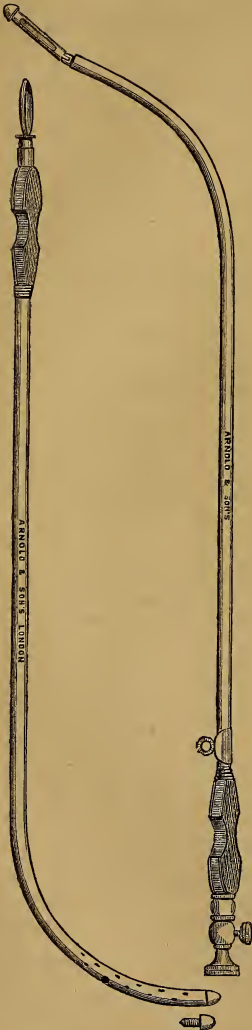


FIG. 256.

FIG. 257.

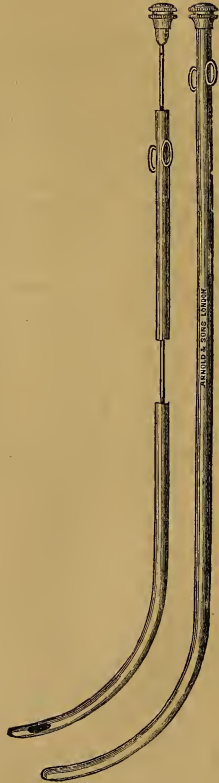


FIG. 258.

FIG. 259.

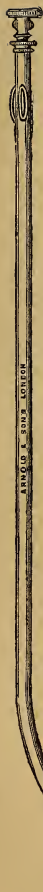


FIG. 260.

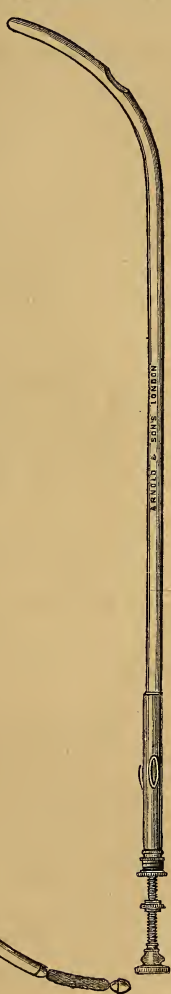


FIG. 261.

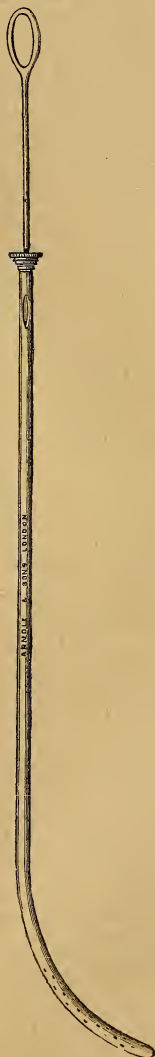


FIG. 262.

|                                                                                                                                                                   |              |    |    |   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----|----|---|
| Ivory Catheter gauge                                                                                                                                              | £0           | 3  | 6  |   |
| L'Allemand's stout silver Catheter, for applying Caustic to the Urethra, Fig. 257                                                                                 | 1            | 5  | 0  |   |
| McDougall's stout silver Catheter, with palladium end and holder, Fig. 261                                                                                        | 1            | 14 | 0  |   |
| Wormald's flattened silver Catheter, used in enlargement of the prostate gland                                                                                    | 10s. 6d. and | 1  | 1  | 0 |
| Plated Catheters, Nos. 1 to 12                                                                                                                                    | each         | 0  | 5  | 0 |
| Ditto Brodie's, Nos. 1 to 12                                                                                                                                      | each         | 0  | 6  | 6 |
| Ditto set of Brodie's, Nos. 1 to 12, with cut-glass bottle, in leather case                                                                                       |              | 4  | 0  | 0 |
| Ditto ditto Nos. 2, 4, 6, 8, 10, 12, with glass oil bottle, in leather case                                                                                       |              | 2  | 0  | 0 |
| Ditto Nos. 1 to 12, with Oil Bottle, in leather case                                                                                                              |              | 3  | 0  | 0 |
| Ditto Nos. 2, 4, 6, 8, 10, and 12, in leather case                                                                                                                |              | 1  | 10 | 0 |
| Prostate Catheters, of stout silver, Hall marked, Liston's:                                                                                                       |              |    |    |   |
| No. 6 7 8 9 10 11 12 13 14                                                                                                                                        |              |    |    |   |
| 11/- 12/- 12/6 13/6 15/- 15/6 16/- 17/6 18/-                                                                                                                      |              |    |    |   |
| Prostate Catheters, of stout silver, Hall marked, Sir H. Thompson's:                                                                                              |              |    |    |   |
| No. 6 7 8 9 10 11 12 13 14                                                                                                                                        |              |    |    |   |
| 11/- 12/- 12/6 13/6 15/- 15/6 16/- 17/6 18/-                                                                                                                      |              |    |    |   |
| Prostate Catheter, plated                                                                                                                                         |              | 0  | 6  | 6 |
| Ditto ditto Brodie's                                                                                                                                              |              | 0  | 8  | 6 |
| Ditto (silver), with plug, stillette, and                                                                                                                         |              |    |    |   |
| India-rubber Catheter, Hutchinson's                                                                                                                               |              | 1  | 10 | 0 |
| Ditto ditto plated                                                                                                                                                |              | 0  | 17 | 6 |
| Self-Retaining Catheter, Barnard Holt's India-rubber                                                                                                              |              | 0  | 3  | 6 |
| Steel Introducer for ditto                                                                                                                                        |              | 0  | 2  | 6 |
| (Vide 'Lancet,' February 14th and May 14th, 1870.)                                                                                                                |              |    |    |   |
| Self-Retaining Catheter, Coalbank's ditto                                                                                                                         |              | 0  | 3  | 6 |
| Female Catheter, Shephard's Silver                                                                                                                                |              | 0  | 8  | 6 |
| Ditto Silver, with stop-cock                                                                                                                                      |              | 0  | 7  | 6 |
| Ditto ditto plain sliding                                                                                                                                         |              | 0  | 6  | 0 |
| Sir H. Thompson's Catheters, a. Boule French sizes, Nos.                                                                                                          |              |    |    |   |
| 1 to 24, super quality                                                                                                                                            | per doz.     | 1  | 0  | 0 |
| Ditto ditto Second Quality                                                                                                                                        | ditto        | 0  | 12 | 0 |
| Sir H. Thompson's complete set of extra stout Silver Catheters, Nos. 1 to 12, and No. 9 Prostate with cut-glass oil-bottle, in mahogany case, lined silver velvet |              | 8  | 8  | 0 |
| Ditto ditto with Catheter mounts, and Sir H. Thompson's Syphon, complete                                                                                          |              | 10 | 10 | 0 |
| Sir H. Thompson's improved Syphon for drawing off the water from the bladder, and which is made to fit the end of Catheters                                       |              | 0  | 10 | 6 |
| Catheters, made with the mount to fit the Syphon,                                                                                                                 |              |    |    |   |
| extra                                                                                                                                                             |              | 0  | 1  | 6 |

|                                                                                                         |         |
|---------------------------------------------------------------------------------------------------------|---------|
| Sir H. Thompson's Improved (silver) fluid Caustic Catheter, Fig. 260 . . . . .                          | £1 14 0 |
| Sir H. Thompson's India-rubber Bottle and Stop-cock, with conical point fitting the Catheters . . . . . | 0 7 6   |
| Sir H. Thompson's Silver Catheter, with probe point . . . . .                                           | 0 10 6  |
| Ditto ditto extra small taper Silver Catheter for difficult strictures . . . . .                        | 0 7 6   |
| Teevan's Grooved Catheter, with conducting bougie, silver . . . . .                                     | 0 17 6  |

## BOUGIES.

|                                                                                                     |        |
|-----------------------------------------------------------------------------------------------------|--------|
| Bougies, a. Boule, as recommended by Sir H. Thompson, French sizes, Nos. 1 to 24 . . . . . per doz. | 0 14 0 |
| Ditto ditto second quality . . . . . ditto                                                          | 0 10 0 |
| Bougie Case, leather . . . . .                                                                      | 0 2 0  |
| Ditto japanned tin . . . . .                                                                        | 0 2 0  |
| Ditto cloth . . . . .                                                                               | 0 1 0  |

Bougies, Silver, Hall marked :

|       |     |      |      |      |      |      |      |
|-------|-----|------|------|------|------|------|------|
| No. 1 | 2   | 3    | 4    | 5    | 6    | 7    | 8    |
| 6/-   | 6/- | 6/6  | 7/6  | 8/-  | 8/-  | 10/- | 10/- |
|       |     | 9    | 10   | 11   | 12   |      |      |
|       |     | 11/6 | 13/- | 14/6 | 15/- |      |      |

Bougies, extra stout Silver, Hall marked :

|       |     |      |      |      |      |      |      |
|-------|-----|------|------|------|------|------|------|
| No. 1 | 2   | 3    | 4    | 5    | 6    | 7    | 8    |
| 7/-   | 7/- | 7/6  | 8/6  | 9/6  | 9/6  | 11/6 | 11/6 |
|       |     | 9    | 10   | 11   | 12   |      |      |
|       |     | 14/- | 16/- | 17/6 | 18/6 |      |      |

Catgut Bougies, super quality, per doz. . . . . 8s. to 1 4 0

Elastic Gum Web Bougies, extra superior, especially prepared to stand any climate. Nos. 1 to 12, per doz. 0 14 0

Ditto ditto taper points . . . . . ditto 0 16 0

Ditto ditto second quality . . . . . ditto 0 10 0

Ditto ditto ditto taper point ditto 0 12 6

Ditto ditto common quality . . . . . ditto 0 5 0

Ivory Bougie Gauge . . . . . 0 3 6

Metallic Bougie . . . . . 0 1 0

Ditto with handle . . . . . 0 2 0

Œsophagus Bougie, Elastic Gum Web, of superior quality 0 4 6

Ditto ditto second quality . . . . . 0 3 6

Ditto ditto common . . . . . 0 2 0

|                                                                                                   |    |    |   |
|---------------------------------------------------------------------------------------------------|----|----|---|
| Plated Bougie, Brodie's . . . . .                                                                 | £0 | 6  | 0 |
| Ditto plain . . . . .                                                                             | 0  | 4  | 0 |
| Rectum Bougie, Quain's . . . . .                                                                  | 0  | 5  | 0 |
| Ditto Elastic Gum, of super quality . . . . .                                                     | 0  | 3  | 6 |
| Ditto ditto second quality . . . . .                                                              | 0  | 2  | 6 |
| Ditto ditto common . . . . .                                                                      | 0  | 1  | 6 |
| Ditto Vulcanite, the set of six nested . . . . .                                                  | 0  | 13 | 6 |
| Ditto Wax, short . . . . .                                                                        | 0  | 1  | 6 |
| Ditto ditto long . . . . .                                                                        | 0  | 2  | 0 |
| Sir H. Thompson's set of twelve plated Bougies, in morocco case, lined velvet, complete . . . . . | 3  | 10 | 0 |
| Ditto plated Bougies, taper points . . . . .                                                      | 0  | 6  | 0 |
| Syme's German silver Bougie . . . . .                                                             | 0  | 2  | 6 |
| Wax Bougie, Black . . . . .                                                                       | 0  | 1  | 6 |
| Ditto Red . . . . .                                                                               | 0  | 2  | 0 |
| Ditto White . . . . .                                                                             | 0  | 2  | 0 |
| Whalebone Bougie . . . . .                                                                        | 0  | 1  | 0 |

### PESSARIES.

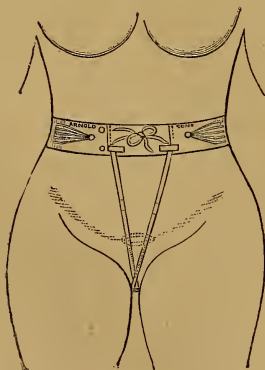


FIG. 263.



FIG. 264.

|                                                                      |   |    |   |
|----------------------------------------------------------------------|---|----|---|
| Arnold and Sons' Pessary, gutta percha, with band complete . . . . . | 0 | 7  | 6 |
| Ditto improved vulcanite, with ditto, Figs. 263 and 264 . . . . .    | 0 | 10 | 6 |

|                                                                                                                     |         |    |   |   |
|---------------------------------------------------------------------------------------------------------------------|---------|----|---|---|
| Blackbee's Patent Self-adjusting Pessary, for anteversion, antiflexion, retroversion, retroflexion, or procidentia. | £0      | 7  | 6 |   |
| Boxwood Pessaries, oval, round, flat oval, and flat round                                                           | 1s. and | 0  | 2 | 0 |
| Clay's spiral spring Pessary, fitted with Pelvis Band, complete                                                     | 0       | 17 | 6 |   |
| Dr. Godson's improved perforated Pessary, with band, complete                                                       | 0       | 12 | 6 |   |

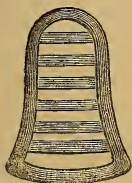


FIG. 265.



FIG. 266.



FIG. 267.

|                                                     |                 |                 |       |
|-----------------------------------------------------|-----------------|-----------------|-------|
| Dr. Greenhalgh's Elastic Spring Pessary, six sizes, |                 |                 |       |
| Fig. 267, each . . . . .                            | ditto . . . . . | with two        | 0 2 0 |
| India-rubber transverse bands, Fig. 266 . . . . .   | ditto . . . . . | with four ditto | 0 2 6 |
| Ditto . . . . .                                     | ditto . . . . . | with six ditto, | 0 3 0 |
| Fig. 265 . . . . .                                  |                 |                 | 0 3 6 |

Dr. Greenhalgh's india rubber spring Pessaries, without and with elastic transverse bands, for the relief and cure of retroversion, prolapse, and procidentia of the uterus, rectocele, vesicocele, sterility, &c., being composed of a flexible frame covered with india rubber, they can be easily shaped to meet individual cases; moreover, the elastic at the lower extremity greatly facilitates the introduction and offers little or no impediment to the use of the speculum for diagnosis and treatment.

*Mode of Introduction.*—The patient should be placed on the left side upon a high and firm couch or bed, the side of the head resting upon a low pillow (she should not lie on the shoulder nor elbow), which should be bent forward, the hips being close to the edge of the couch, the legs well flexed upon the abdomen with one foot resting upon the other, the pessary being warmed and freely smeared with lard is to be taken in the right hand, the index finger of which should be placed firmly against the under surface of the convex upper extremity. The labia being separated with the left hand, the convex extremity should be passed freely within the *fourchette*, when the pessary must be directed, quickly and firmly, along the posterior wall of the vagina with its concavity forwards until it reaches the upper and posterior boundary or fornix of that canal, when its lower limbs will be found to rest upon the posterior surfaces of the pubic arch.

This operation will be greatly facilitated by the previous use of the hot douche and introduction of a firm piece of lard. Care should be taken that the pessary



is not too large, and in many cases it is advisable that the patients should remain in the recumbent position for one or more days after its introduction. The pessary ought not to be used if there be undue sensitiveness of the parts.

In cases of severe procidentia or prolapse of the vaginal walls the barred pessary is to be preferred, manufactured specially of four sizes for Dr. Greenhalgh by Messrs. Arnold & Sons.

Extract from *British Medical Journal*, May 23rd, 1868:—"They are easier of introduction and removal than Hodge's Pessary, and can be more easily adjusted; occasions little or no inconvenience."

Arnold & Sons having *originally* made these Pessaries *specially* for Dr. Greenhalgh, caution the Profession against many sold and represented as their manufacture, which are different in shape, construction, and material, and, consequently, useless for the purpose intended.

Dr. Braxton Hicks's Pessary, with hard metal core and covered with india rubber . . . . . £ 0 2 6  
Ditto ditto vulcanite . . . . . 0 3 0

*Arnold and Sons specially make these Pessarics for Dr. Braxton Hicks, and preserve the original sizes and patterns.*



FIG. 268.

Dr. Graily Hewitt's malleable Ring Pessary, gutta percha, of six sizes, Fig. 268 . . . . . per doz. 0 12 0  
Ditto ditto, shaped . . . . . ditto 0 15 0  
Ditto improved, covered with india rubber, each 0 2 0  
Dr. Priestley's Pessary, for retroversion . . . . . 0 6 6  
Ditto with rubber cap . . . . . 0 9 6  
Dr. Simpson's Pessary for retroversion . . . . . 1 5 0  
Dr. Skinner's Expanding Pessary . . . . . 0 3 6  
Duffin's Boxwood and Ivory Pessary . . . . . 0 6 6



FIG. 269.

Elastic Gum Pessary, circular, Fig. 269 . . . . . 0 2 6



FIG. 270.

|                                     |   |   |   |    |   |   |
|-------------------------------------|---|---|---|----|---|---|
| Elastic Gum Pessary, oval, Fig. 270 | . | . | . | £0 | 2 | 6 |
| Hodge's gutta-percha Pessary        | . | . | . | 0  | 1 | 0 |
| Ditto vulcanite                     | . | . | . | 0  | 2 | 0 |
| Ditto ditto with two bars           | . | . | . | 0  | 2 | 6 |

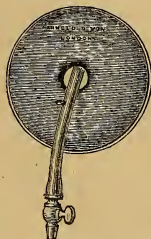


FIG. 271.

|                                             |   |   |   |   |   |
|---------------------------------------------|---|---|---|---|---|
| India Rubber Inflating Pessary, flat, round | . | . | 0 | 3 | 6 |
| Ditto ditto with stopcock, Fig. 271         | . | . | 0 | 5 | 0 |



FIG. 272.

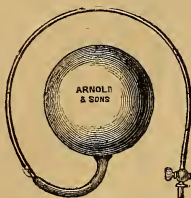


FIG. 273.

|                                                       |   |   |   |   |   |
|-------------------------------------------------------|---|---|---|---|---|
| India-rubber inflating Pessary, round and pear shaped | . | . | 0 | 3 | 6 |
| Ditto ditto with stop-cock, Figs. 272 and 273         | . | . | 0 | 5 | 0 |
| Inflating Pump, brass                                 | . | . | 0 | 3 | 6 |



FIG. 274.

|                                                                           |    |   |   |
|---------------------------------------------------------------------------|----|---|---|
| Inflating Pump, with stop-cock and Elastic Pessary,<br>Fig. 274 . . . . . | £0 | 8 | 6 |
| Napier's Elastic Pessary . . . . .                                        | 0  | 5 | 0 |
| (Vide <i>Medical Times and Gazette</i> , December 25th, 1875.)            |    |   |   |
| Schofield's Pessary, porcelain . . . . .                                  | 0  | 5 | 0 |
| Ditto vulcanite . . . . .                                                 | 0  | 6 | 6 |
| Thomas's Pessary, for anteversion, in vulcanite and rubber                | 0  | 7 | 6 |
| Ditto improved, by Dr. Barnes . . . . .                                   | 0  | 7 | 6 |



FIG. 275.

|                                                          |   |   |   |
|----------------------------------------------------------|---|---|---|
| Vullick's Improved Vulcanite Pessary, Fig. 275 . . . . . | 0 | 4 | 0 |
|----------------------------------------------------------|---|---|---|



FIG. 276.



FIG. 277.

|                                                                           |   |   |   |
|---------------------------------------------------------------------------|---|---|---|
| Zwank's Pessary, in vulcanite, with screw, Figs. 276 and<br>277 . . . . . | 0 | 5 | 0 |
|---------------------------------------------------------------------------|---|---|---|

|                                                                                                     |    |    |   |
|-----------------------------------------------------------------------------------------------------|----|----|---|
| Zwank's Pessary, covered with gutta percha and india rubber, as recommended by Dr. Greenhalgh . . . | £0 | 3  | 6 |
| Ditto Dr. Godson's improved . . .                                                                   | 0  | 5  | 6 |
| Ditto boxwood . . .                                                                                 | 0  | 4  | 6 |
| Ditto German silver . . .                                                                           | 0  | 7  | 6 |
| Ditto stoutly plated . . .                                                                          | 0  | 10 | 6 |
| Ditto German silver, Dr. Tanner's modification . . .                                                | 0  | 9  | 6 |

Dr. Braxton Hicks's india rubber Apparatus for the restoration of chronic inversion of the uterus.

Extract from the *British Medical Journal*, August 31st, 1872:—"I have had some bags constructed by Mr. Arnold, which, I think, will be more certain of producing the proper dilatation of the vagina and pressure of the fundus."

## ICE AND HOT WATER BAGS.

Dr. Chapman's Ice Bag, which may be filled with either ice or iced water, is divided by external clamps or external septa into two, three, or more cells, allowing of its application either to the whole or any part of the back, the patient being enabled to remain upright or walk about during its use. The mouth of the bag is closed by a clamp.

|        |     |     |      |      |      |      |      |        |
|--------|-----|-----|------|------|------|------|------|--------|
| No. 10 | 12  | 14  | 16   | 18   | 20   | 22   | 24   | 26 in. |
| 7/6    | 8/- | 9/- | 10/6 | 12/6 | 14/6 | 15/- | 16/- | 18/-   |

Dr. Chapman's Hot Water Bag, which may also be used for the application of moderate degrees of cold, consists of two parallel tubes a slight distance apart, and communicating at the top and bottom, the mouth of this Bag is closed by means of a screw.

|       |     |     |     |      |
|-------|-----|-----|-----|------|
| No. 1 | 2   | 3   | 4   | 5    |
| 5/6   | 6/6 | 8/- | 9/6 | 10/6 |

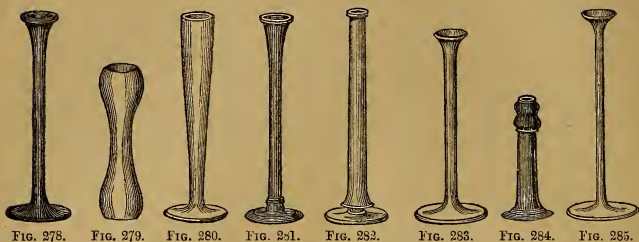
Arnold and Sons' Ice Bag of india rubber for applying ice to the head, &c., with rubber cork and boxwood mount.

|       |     |     |     |
|-------|-----|-----|-----|
| No. 1 | 2   | 3   | 4   |
| 4/9   | 5/- | 5/6 | 6/6 |

Arnold and Sons' Ice Bag for applying ice to the abdomen

|                                            |   |   |   |
|--------------------------------------------|---|---|---|
| after labour . . .                         | 0 | 7 | 6 |
| Ditto for applying ice to the throat . . . | 0 | 5 | 6 |
| Lumbar Ice Bag . . .                       | 0 | 8 | 6 |

# STETHOSCOPES, SPIROMETERS, PLEXIMETERS, SPHYGMOGRAPHS, &c.



Arnold and Sons' improved Stethoscope, with cane stem  
and sycamore ear plate . . . . .

£0 3 6

The sounds are transmitted clearly and distinctly through the cane, and it has  
the additional advantage of being extremely light and very durable.

|                                         |        |
|-----------------------------------------|--------|
| Chest Callipers, portable . . . . .     | 0 10 6 |
| Chest Measurer, Dr. Simpson's . . . . . | 1 15 0 |
| Ditto Thompson's . . . . .              | 0 7 6  |

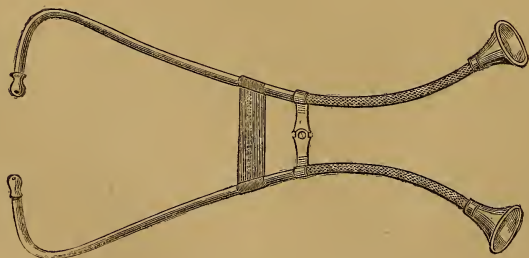


FIG. 286.

|                                                               |       |
|---------------------------------------------------------------|-------|
| Differential Stethoscope, Dr. Alison's, Fig. 286 . . . . .    | 1 1 0 |
| Ditto by Dr. Harvey Hilliard 10s. 6d. & . . . . .             | 1 0 0 |
| Ditto Arnold and Sons' Improved . . . . .                     | 1 1 0 |
| portable, with plated fittings . . . . .                      | 1 1 0 |
| Dr. Alison's Improved Biaural Stethoscope, with one . . . . . | 1 1 0 |
| chest mount . . . . .                                         | 1 1 0 |

|                                                    |   |   |   |   |    |   |   |
|----------------------------------------------------|---|---|---|---|----|---|---|
| Dr. Andrew's Stethoscope, Fig. 280                 | . | . | . | . | £0 | 3 | 0 |
| Dr. Barron's ditto                                 | . | . | . | . | 0  | 3 | 6 |
| Dr. Billing's ditto Fig. 279                       | . | . | . | . | 0  | 2 | 6 |
| Dr. Davis's ditto with ivory plate                 | . | . | . | . | 0  | 8 | 6 |
| Dr. Dobell's ditto with graduated ear-piece        | . | . | . | . | 0  | 5 | 0 |
| Dr. Duckworth's ditto Fig. 285                     | . | . | . | . | 0  | 3 | 6 |
| Dr. Edward's ditto                                 | . | . | . | . | 0  | 3 | 0 |
| Dr. Elliotson's ditto                              | . | . | . | . | 0  | 7 | 6 |
| Dr. Ferguson's ditto Fig. 283                      | . | . | . | . | 0  | 3 | 0 |
| Dr. Golding Bird's ditto, ebony mounted (flexible) | . | . | . | . | 0  | 5 | 0 |
| Dr. Hare's (American birch)                        | . | . | . | . | 0  | 3 | 0 |



FIG. 287.

Dr. T. S. Hosford's Improved Stethoscope, Fig. 287 . 0 5 0

This instrument is so constructed that the cup completely encloses the ear, and thereby excludes all external sounds.

Dr. Hughes's Stethoscope . . . . . 0 3 0  
 Dr. Laenner's ditto . . . . . 0 3 0

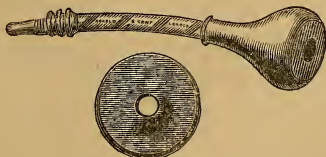


FIG. 288.

Dr. Mallam's Improved Stethoscope, with flexible tubing  
 and regulating ear-plate, Fig. 288 . . . 0 6 6

|                                                                                 |    |   |   |
|---------------------------------------------------------------------------------|----|---|---|
| Dr. McLean's, with reversible plate and india-rubber cushion                    | £0 | 5 | 0 |
| Dr. Quain's Stethoscope                                                         | 0  | 3 | 6 |
| Ditto ditto (portable), vulcanite, Fig. 284                                     | 0  | 5 | 0 |
| Dr. Salter's ditto                                                              | 0  | 3 | 0 |
| Dr. Sibson's ditto with flexible tube                                           | 0  | 8 | 0 |
| Dr. Stoke's ditto Fig. 281                                                      | 0  | 3 | 0 |
| Ditto ditto Vulcanite                                                           | 0  | 3 | 6 |
| Dr. Todd's Class Stethoscope, enabling two persons to diagnose at the same time | 1  | 1 | 0 |
| Dr. Todd's Stethoscope                                                          | 0  | 3 | 6 |
| Dr. Walsh's ditto Fig. 278                                                      | 0  | 3 | 0 |
| Ditto ditto Vulcanite                                                           | 0  | 3 | 6 |
| Dr. William's, with reversible ear-plate, Fig. 282                              | 0  | 3 | 6 |



FIG. 289.

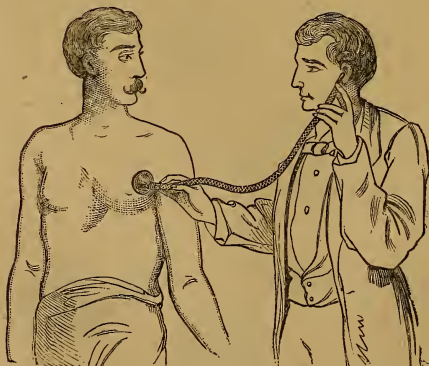


FIG. 290.

Flexible Clinical Stethoscope, suggested by Drs. Reid and Morison, with vulcanite ear and two chest mounts, with silk-covered tubing, in box, complete, Figs. 289 and 290 . . . . . 0 10 6



Flexible Clinical Stethoscope, suggested by Drs. Reid and Morison, with plain boxwood ear and one chest mount, with plain tubing, in box, complete . . . £0 5 0

The instrument possesses the following advantages:—1. The ease with which patients may be auscultated in otherwise inaccessible positions. 2. The comparative safety from infection. 3. The possibility of carefully regulating the pressure on the chest-piece, especially in the case of aneurisms, blood-vessels, &c., and in children and sensitive patients. 4. The construction of the ear-peg. 5. The ease with which the observer may use his eye and ear at the same time.

Extract from the *Lancet*, October 16th, 1875:—"Every practitioner has occasion to feel often the need of a longer instrument than the ordinary stethoscope, and one which by its flexibility permits him to vary his position with relation to the patient. Arnold and Sons have produced a Flexible Stethoscope which meets this want. Its utility in certain circumstances is obvious."

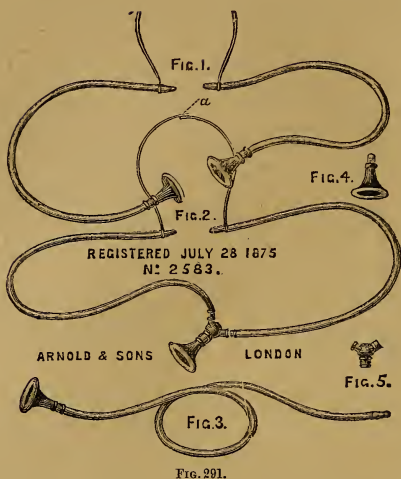
Extract from *Medical Times and Gazette*, July 17th, 1875:—"They have produced a Stethoscope which promises to be not only convenient, agreeable, and safe, but *superior* to the common instrument under ordinary circumstances and in several important respects."

Extract from *British Medical Journal*, September 4th, 1875:—"The many difficulties that attend the use of the ordinary stethoscope in dispensary practice, and especially the inconvenience and dangers connected with its application in some of the most urgent cases among the lower classes, would seem to have suggested to the inventors of this instrument the idea of lengthening the tube indefinitely, while they secured the proper application of the chest and ear-pieces by various ingenious modifications."

Extract from *Medical Press and Circular*, September 8th, 1875:—"Messrs. Arnold and Sons are now selling a Flexible Stethoscope, convenient, agreeable, and safe. It consists of a piece of silk-covered tubing of uniform calibre, provided at one end with an ear-peg and at the other with a chest-piece. The ear-peg presents a minute lateral perforation, which prevents the air from impinging unpleasantly upon the membrane when the chest-piece is moved."

Extract from *Student's Journal*, November 6th, 1875:—"Messrs. Arnold and Sons have introduced a new Flexible Stethoscope to the notice of the medical profession which is superior to the ordinary stethoscope in common use. We have had one of these instruments in use for some time past, and have found it particularly valuable in auscultating the pulmonary organs, especially in children and aged persons, as it enables one to ascertain the condition of the whole chest without disturbing the patient."

Gutta-percha Stethoscope . . . . . 0 2 0



Headspring Flexible Stethoscope, Registered, suggested by Dr. R. Harvey Hilliard, with plain india-rubber tubing, two ebony ear, chest, and one union mount, and jointed head-spring, complete, Fig. 291 . . . £0 10 6

Ditto ditto the tubing covered with silk, and the mounts made of vulcanite, very superior, complete, Fig. 291 . . . 1 0 0

*Can be used either as single, biaural, or differential.*

#### TO USE THE INSTRUMENT AS A

**DIFFERENTIAL STETHOSCOPE** (as Fig. 1), the two cups or collectors are screwed on to the end of the tubes.

**BIAURAL** (Fig. 2), the two tubes are screwed into the union mount and one chest-piece screwed thereon.

**SINGLE FLEXIBLE STETHOSCOPE** (Fig. 3), screw the chest-piece on the end of the tube.

*These changes can be made at pleasure and almost immediately.*

Extract from the *British Medical Journal*, November 13th, 1875:—"The advantages of a Double Flexible Stethoscope are apparent in a moment's consideration. The ease to the auscultator, who may be seated at his patient's bedside, and with comfort to himself and patient apply the instrument to all parts of the body without painful pressure or other inconvenience."

Extract from the *Medical Times and Gazette*, November 13th, 1875:—"I have

used the instrument for two years with increasing satisfaction, and I believe that experience will prove I have not overrated its merits."

Extract from the *Medical Press and Circular*, November 17th, 1875:—"The object of this design is to produce a Flexible Double Stethoscope which is free from the objections that apply to other instruments of this class. Messrs. Arnold & Sons, of West Smithfield, are the manufacturers, and they have bestowed great pains in executing my instructions."

|                   |   |   |   |   |   |   |    |   |   |
|-------------------|---|---|---|---|---|---|----|---|---|
| Percussion Hammer | . | . | . | . | . | . | £0 | 5 | 0 |
| Ditto Thimble     | . | . | . | . | . | . | 0  | 2 | 6 |

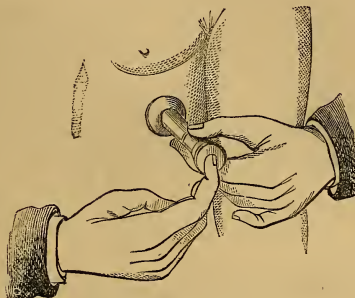


FIG. 292.

|                                                    |   |   |   |   |   |         |   |   |   |
|----------------------------------------------------|---|---|---|---|---|---------|---|---|---|
| Percussor, Dr. Haller's, as used by Dr. Duckworth, |   |   |   |   |   |         |   |   |   |
| Fig. 292                                           | . | . | . | . | . | 3/6 and | 0 | 5 | 0 |
| Ditto Dr. King's Cone, with regulating handle      | . | . | . | . | . | .       | 0 | 7 | 6 |

The Cone Percussor will be found very useful in conducting examinations of the chest, being small and very handy. The spring is to regulate the blow in percussion; the hammer striking the nail of the finger.

|                        |   |   |   |   |   |   |   |   |   |
|------------------------|---|---|---|---|---|---|---|---|---|
| Percussor, Dr. Quain's | . | . | . | . | . | . | 0 | 6 | 6 |
| Pleximeter             | . | . | . | . | . | . | 0 | 3 | 6 |

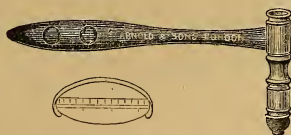


FIG. 293.

|                                                         |   |    |   |
|---------------------------------------------------------|---|----|---|
| Pleximeter and Hammer, in case, Dr. Bennett's, Fig. 293 | 0 | 10 | 6 |
|---------------------------------------------------------|---|----|---|

|                                              |   |   |   |    |   |   |
|----------------------------------------------|---|---|---|----|---|---|
| Sphygmograph, De Marey's                     | . | . | . | £7 | 0 | 0 |
| Ditto ditto with Berkley Hill's pad          | . | . | . | 7  | 7 | 0 |
| Ditto ditto improved by Dr. Burdon Sanderson | . | . | . | 8  | 8 | 0 |

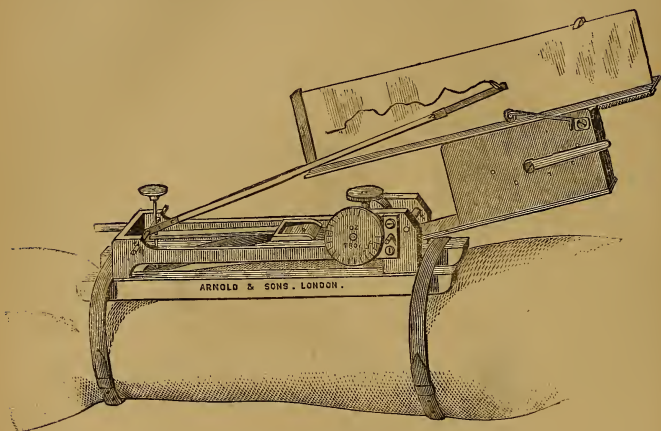


FIG. 294.

|                                            |   |   |   |   |    |   |
|--------------------------------------------|---|---|---|---|----|---|
| Sphygmograph, Mahomed's Improved, Fig. 294 | . | . | . | 7 | 7  | 0 |
| Ditto ditto in case                        | . | . | . | 7 | 15 | 0 |
| Ditto ditto with glasses, complete         | . | . | . | 8 | 0  | 0 |

Extract from the *Medical Times and Gazette*, January 20th, 1872:—"The main spring is attached to the framework of the instrument by a hinge joint which permits free vertical but no lateral movement. Its free extremity, which is covered by an ivory pad, rests upon the artery (usually the radial) from which it is proposed to obtain a tracing. To this spring is attached a block which forms the centre of movement for a lever of the third order, which encloses it by the bifurcation of its extremity, a pin projecting from either side of the block, and passing through each extremity of the bifurcation, thus insuring a perfect vertical movement free from lateral oscillations."

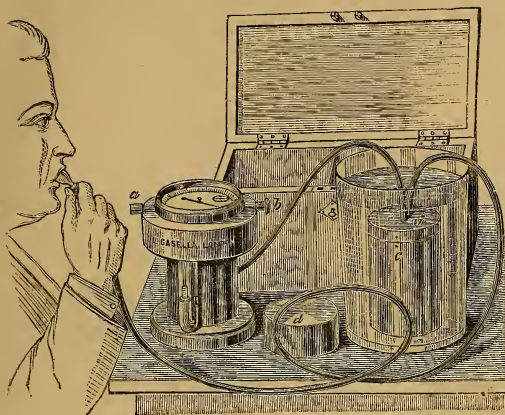


FIG. 295.

Spirometer, Improved Portable, Casella's, in neat mahogany case  $6\frac{3}{4} \times 3\frac{3}{4}$ , Fig. 295 . . . . . £5 10 0

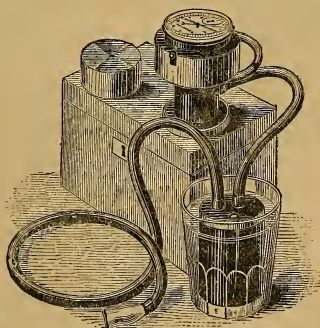


FIG. 296.

Spirometer, Improved Portable, Lowndes's, in neat mahogany case,  $3\frac{3}{4} \times 3\frac{3}{4}$ , Fig. 296 . . . . . 5 5 0

|                                                                         |    |   |   |
|-------------------------------------------------------------------------|----|---|---|
| Spirometer, Hutchinson's . . . . .                                      | £4 | 4 | 0 |
| Ditto portable, for measuring the vital capacity of the chest . . . . . | 1  | 4 | 0 |
| Stethometer, Dr. Quain's . . . . .                                      | 2  | 2 | 0 |
| Stethoscope Holder, Dr. Wright's . . . . .                              | 0  | 2 | 0 |



## LARYNGEAL AND TRACHEA INSTRUMENTS.

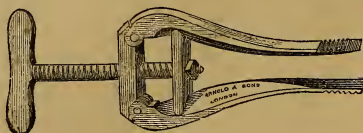


FIG. 297.

Instrument for opening the Mouth, Fig. 297 . . . . . 0 17 6



FIG. 298.

Laryngeal Syringe, with Silver seamless pipe and shield,  
and improved india-rubber bottle, Fig. 298 . . . . . 0 16 0  
Ditto Gibbs' ditto ditto . . . . . 0 16 0



FIG. 299.

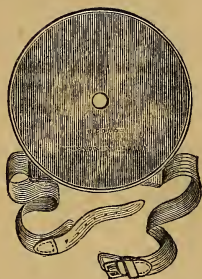


FIG. 300.

Laryngoscope, Arnold and Sons' Improved, with three glass mirrors, magnifying lens, reflector, head-band, and arranged for use as an ophthalmoscope if required, in morocco case, Figs. 299 and 300. . . . . £1 15 0

Ditto Czermak's, with three glass mirrors, reflector, ivory handle, in morocco case . . . . . 1 16 0

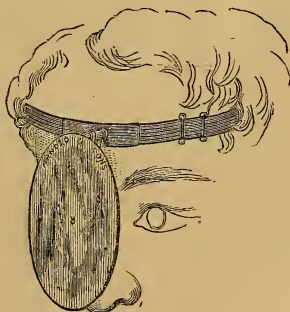


FIG. 301.

Laryngoscope, Prosser James's, with ball-and-socket motion, adjusted to head-band, reflector, and three glass mirrors, in morocco case, Fig. 301 . . . . . 2 0 0

Extract from *Laryngoscopy*, by Dr. Prosser James:—"Messrs. Arnold & Sons made them for me, and now keep in stock a case which the above illustration shows to be very portable."



|                                                                                                                                        |                                                                                                                   |    |    |   |
|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|----|----|---|
| Laryngoscope, Johnson's, with ball-and-socket motion adjusted to head-band, reflector and two glass mirrors, in morocco case . . . . . |                                                                                                                   | £1 | 12 | 6 |
| Ditto                                                                                                                                  | Krieshaber's, complete . . . . .                                                                                  | 2  | 0  | 0 |
| Ditto                                                                                                                                  | Lewin's, with table attachments . . . . .                                                                         | 2  | 7  | 6 |
| Ditto                                                                                                                                  | extra superior, with large reflector, head-band, three super mirrors, and ivory handle, in morocco case . . . . . | 2  | 2  | 0 |

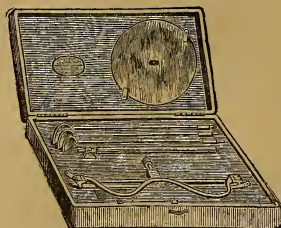


FIG. 302.

|                                                                                                                                                                 |  |   |   |   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---|---|---|
| Laryngoscope, Mackenzie's, with three glass mirrors, ivory handle, and spectacle frame, ball-and-socket movement reflector, complete, in morocco case, Fig. 302 |  | 2 | 2 | 0 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---|---|---|

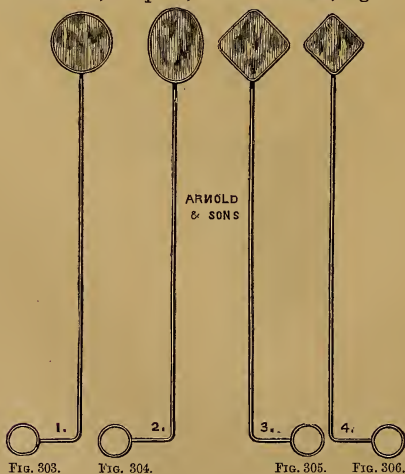


FIG. 303.

FIG. 304.

FIG. 305.

FIG. 306.

|                                                                               |  |      |   |   |   |
|-------------------------------------------------------------------------------|--|------|---|---|---|
| Laryngoscope Lenses, by Prosser James, Figs. 303, 304, 305, and 306 . . . . . |  | each | 0 | 4 | 0 |
|-------------------------------------------------------------------------------|--|------|---|---|---|

|                                                                                               |         |    |   |
|-----------------------------------------------------------------------------------------------|---------|----|---|
| Laryngoscope Mirrors, concave, with frontal band and ball-and-socket motion (6 inch diameter) | £2      | 10 | 0 |
| Ditto with stand attachments (9 inch diameter)                                                | 3       | 3  | 0 |
| Laryngotomy Tube, silver, small, medium, and large,                                           | 7s. and | 0  | 7 |
| Esophagus Bougie . . . . .                                                                    | 0       | 4  | 6 |



FIG. 307.

|                                                              |   |   |   |
|--------------------------------------------------------------|---|---|---|
| Probang, Double, with Bristles, Fig. 307                     | 0 | 5 | 0 |
| Ditto Arnold and Sons' Improved, Jointed, with plated mounts | 0 | 6 | 0 |

The top is made with a screw, so that a fresh piece of sponge can be used whenever required, and is so secured that it is almost impossible to become detached from the instrument.



FIG. 308

|                                                              |   |    |   |
|--------------------------------------------------------------|---|----|---|
| Probang, whalebone, curved, with sponge end, Fig. 308, each  | 0 | 1  | 0 |
| Ditto ditto straight ditto                                   | 0 | 1  | 0 |
| Ditto ditto ditto ivory end                                  | 0 | 2  | 0 |
| Ditto double, with spring, hook, and sponge                  | 0 | 3  | 6 |
| Ditto ditto jointed for portability                          | 0 | 4  | 6 |
| Ditto ditto with bristles at side (expanding) and sponge end | 0 | 5  | 6 |
| Reflector, with candle holder                                | 0 | 7  | 0 |
| Ditto ditto plated                                           | 0 | 10 | 6 |



FIG. 309.

|                                                                                       |   |   |   |
|---------------------------------------------------------------------------------------|---|---|---|
| Throat Brush, Arnold and Sons' Improved, with brush and sponge-end to screw, Fig. 309 | 0 | 4 | 6 |
|---------------------------------------------------------------------------------------|---|---|---|

Throat Brushes, camel's-hair, with whalebone stems,

|                                                |          |    |    |   |
|------------------------------------------------|----------|----|----|---|
|                                                | per doz. | £0 | 14 | 0 |
| Ditto Brush Holder, ebonite, jointed . . . . . |          | 0  | 5  | 0 |
| Ditto Brushes for ditto, camel hair . . . . .  | per doz. | 0  | 3  | 0 |



FIG. 310.

Throat Forceps, Arnold & Sons' Improved, with cross lever action, Fig. 310 . . . . .

|                                 |   |   |   |   |   |                  |    |    |   |
|---------------------------------|---|---|---|---|---|------------------|----|----|---|
| Throat Forceps, Cotton's, plain | . | . | . | . | . | 0                | 6  | 6  |   |
| Ditto ditto plated              | . | . | . | . | . | 0                | 8  | 6  |   |
| Ditto ditto silver              | . | . | . | . | . | 0                | 12 | 6  |   |
| Ditto Curved                    | . | . | . | . | . | 5s. 6d., 7s. 6d. | 0  | 10 | 0 |

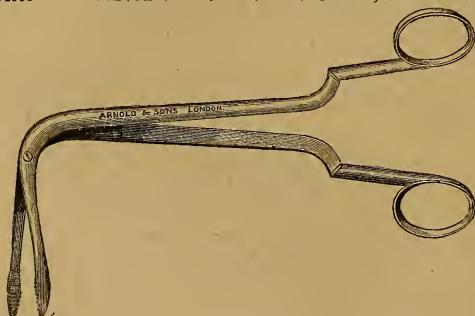


FIG. 311.

Throat Forceps, Mackenzie's, Fig. 311 . . . . .



FIG. 312.

Throat Syringe, Gibbs', plated tube and ivory mounts, Fig. 312 . . . . .

|                                                       |   |    |   |
|-------------------------------------------------------|---|----|---|
| Ditto ditto Silver mounted, in morocco case . . . . . | 0 | 16 | 0 |
| Tracheotome, Worthington's . . . . .                  | 1 | 7  | 6 |
|                                                       | 0 | 7  | 6 |

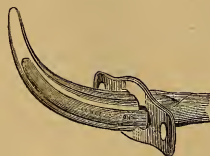


FIG. 313.

## Tracheotomy Tube and Canula, Silver, Sankey's Improved

|                              |                                  |        |   |    |    |   |
|------------------------------|----------------------------------|--------|---|----|----|---|
| Double, small size, Fig. 313 | .                                | .      | . | £0 | 15 | 0 |
| Ditto                        | ditto                            | medium |   | 0  | 16 | 0 |
| Ditto                        | ditto                            | large  |   | 0  | 17 | 0 |
| Ditto                        | Cleaners, sponge on twisted wire | .      | . | 0  | 1  | 0 |

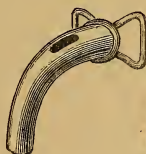


FIG. 314.

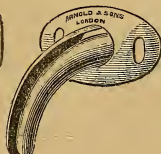


FIG. 315.

## Tracheotomy Dilating Tube and Canula, Arnold and Sons' silver, with improved rotating plate, small, Figs. 314 and 315

|       |       |        |   |   |    |   |
|-------|-------|--------|---|---|----|---|
| .     | .     | .      | . | 0 | 17 | 0 |
| Ditto | ditto | medium | . | 0 | 18 | 6 |
| Ditto | ditto | large  | . | 1 | 0  | 0 |

These tubes are made to rotate in any direction, and are firmly secured to the shield in such a manner that it is almost impossible to separate shield from canula unless by accident; those in general use are simply secured by a slight bar, which is easily broken.

## Tracheotomy Dilating Tube and Canula, Arnold &amp; Sons' ebonite, Double, small, medium, and large, Fig. 318

each 6s. 6d., 7s. 6d., 0 8 6

The great advantage of this instrument is its durability, elasticity, and extreme lightness.

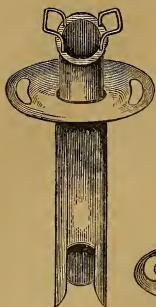


FIG. 316.



FIG. 317.



FIG. 318.

|                                                         |  |  |  |    |    |   |
|---------------------------------------------------------|--|--|--|----|----|---|
| Tracheotomy Dilating Tube and Canula, Matthew's silver, |  |  |  |    |    |   |
| complete, small, Fig. 316 . . . . .                     |  |  |  | £0 | 15 | 0 |
| Ditto ditto medium . . . . .                            |  |  |  | 0  | 16 | 0 |
| Ditto ditto large . . . . .                             |  |  |  | 0  | 17 | 0 |
| Ditto ditto Trousseau's, with                           |  |  |  |    |    |   |
| rotating plate, allowing the patient free movement of   |  |  |  |    |    |   |
| the head, Fig. 317 . . . . .                            |  |  |  | 0  | 18 | 0 |
| Ditto ditto medium . . . . .                            |  |  |  | 0  | 19 | 0 |
| Ditto ditto large . . . . .                             |  |  |  | 1  | 1  | 0 |



FIG. 319.

|                                                            |  |  |  |   |    |   |
|------------------------------------------------------------|--|--|--|---|----|---|
| Tracheotomy Forceps, Sankey's Improved, Fig. 319, are so   |  |  |  |   |    |   |
| constructed as to pass along the canula and compress       |  |  |  |   |    |   |
| the end of the tube, thereby facilitating the introduction |  |  |  | 0 | 10 | 6 |
| Tracheotomy Forceps for Dilating, Trousseau's, thereby     |  |  |  |   |    |   |
| facilitating the introduction of the tube . . . . .        |  |  |  | 0 | 7  | 6 |
| Tracheotomy Hooks, double, for dilatation . . . . .        |  |  |  | 0 | 10 | 6 |
| Ditto Knives, with three electro-plated tubes, in          |  |  |  |   |    |   |
| morocco case, the set, complete . . . . .                  |  |  |  | 2 | 2  | 0 |
| Ditto Trocar, with Silver Canula, small . . . . .          |  |  |  | 1 | 5  | 0 |
| Ditto ditto large . . . . .                                |  |  |  | 1 | 7  | 6 |
| Ditto Tube, Double, plated, three sizes . . . . .          |  |  |  | 0 | 10 | 6 |



FIG. 320.

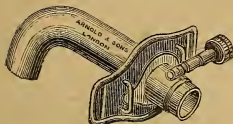


FIG. 321.

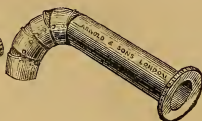


FIG. 322.

Tracheotomy Tubes, Durham's Vertebated, complete,

|                                    |                                   |    |    |   |
|------------------------------------|-----------------------------------|----|----|---|
|                                    | as Figs. 320, 321, and 322, No. 1 | £1 | 10 | 0 |
| Ditto                              | ditto No. 2                       | 1  | 12 | 6 |
| Ditto                              | ditto No. 3                       | 1  | 15 | 0 |
| Ditto                              | ditto No. 4                       | 2  | 0  | 0 |
| Ditto                              | ditto, the complete set of four,  |    |    |   |
| with two Scalpels, in Morocco case |                                   | 7  | 7  | 0 |

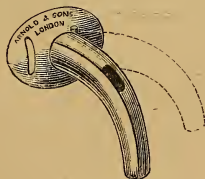


FIG. 323.

|                                                      |  |   |    |   |
|------------------------------------------------------|--|---|----|---|
| Tracheotomy Tube, Jessop's Improved, small, Fig. 323 |  | 0 | 18 | 0 |
| Ditto ditto medium                                   |  | 0 | 19 | 0 |
| Ditto ditto large                                    |  | 1 | 0  | 0 |

This tube has a hinge-joint at the side, which permits of the tube being opened and thereby easily and quickly cleaned.

## TONSIL, UVULA, AND CLEFT PALATE INSTRUMENTS.

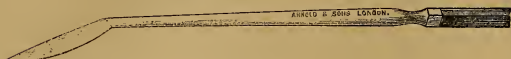


FIG. 324.

|                                               |    |   |   |
|-----------------------------------------------|----|---|---|
| Angular Knife, Smith's, Right, Fig. 324 . . . | £0 | 6 | 0 |
| Ditto ditto Left . . .                        | 0  | 6 | 0 |
| Ditto ditto Straight . . .                    | 0  | 3 | 6 |



FIG. 325.

|                                                       |             |   |    |   |
|-------------------------------------------------------|-------------|---|----|---|
| Chisel, Ferguson's Palate, Fig. 325 . . .             | 4s. 6d. and | 0 | 6  | 6 |
| Ditto ditto with sharp point for soft<br>palate . . . |             | 1 | 10 | 0 |
| Forceps with tenaculum points . . .                   |             | 0 | 6  | 6 |
| Do. improved cross action . . .                       |             | 0 | 10 | 6 |

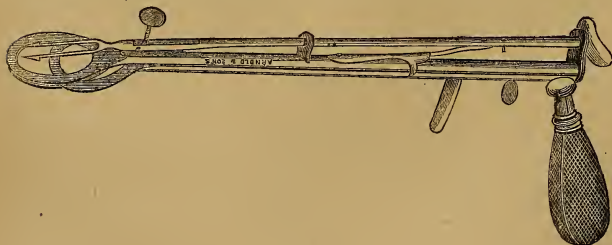


FIG. 326.

|                                                                                    |   |   |   |
|------------------------------------------------------------------------------------|---|---|---|
| Guillotine, Arnold and Sons' Improved, for excising the<br>tonsils, Fig. 326 . . . | 2 | 2 | 0 |
|------------------------------------------------------------------------------------|---|---|---|



FIG. 327.

|                                                              |   |    |   |
|--------------------------------------------------------------|---|----|---|
| Guillotine, Luer's, for excising the tonsils, Fig. 327 . . . | 1 | 17 | 0 |
|--------------------------------------------------------------|---|----|---|



|                                                   |        |
|---------------------------------------------------|--------|
| Guillotine, plain, for excising the tonsils . . . | £1 4 0 |
| Ditto World's ditto . . .                         | 1 12 6 |



FIG. 328.



FIG. 329.

|                                                                                 |       |
|---------------------------------------------------------------------------------|-------|
| Hainworth's new Instrument for incising the tonsils,<br>Figs. 328 and 329 . . . | 1 1 0 |
| Lonsdale's Instrument for Fractured Jaw . . .                                   | 2 0 0 |



FIG. 330.

|                                              |       |
|----------------------------------------------|-------|
| Needle, curved Palate, Right, Fig. 330 . . . | 0 4 0 |
|----------------------------------------------|-------|



FIG. 331.

|                                             |       |
|---------------------------------------------|-------|
| Needle, curved Palate, Left, Fig. 331 . . . | 0 4 0 |
|---------------------------------------------|-------|



FIG. 332.

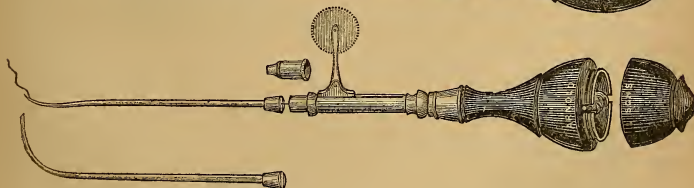


FIG. 333.

|                                                                                     |        |
|-------------------------------------------------------------------------------------|--------|
| Needle, Davy's Tubular, with self-supplying reel, complete, Figs. 332 and 333 . . . | 2 10 0 |
|-------------------------------------------------------------------------------------|--------|

Extract from *New Inventions in Surgical Mechanism*:—"The two diagrams

exhibit the form of needle that has been invented and used by me for the last seven years in hospital and private practice. The handle contains concealed reel tramway and wheel for extrusion or intrusion of wire, and a universal collar for the fixing of any shaped tubular or plain needle. The instrument will carry well wire-gut, string, or carbolized catgut."

Needle Holder, Roux's . . . . . £0 10 6

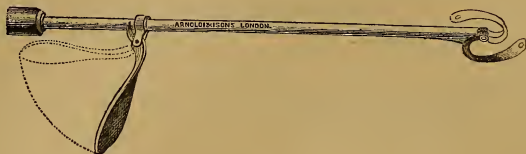


FIG. 334.

Needle, Ferguson's blunt lever, for staphyloraphia, Fig. 334 1 10 0  
Ditto Pick's Blunt, for carrying ligature . . . 0 7 6



FIG. 335.

Needle for carrying ligature, curved, right, Fig. 335 . 0 10 0  
Ditto ditto left . . . 0 10 0



FIG. 336.

|                                          |                    |        |
|------------------------------------------|--------------------|--------|
| Needle, Tubular Wire, straight, Fig. 336 | . . . . .          | 0 8 6  |
| Needle with lever for Staphyloraphia     | . . . . .          | 1 12 0 |
| Needles, half curved, short              | . . . . . per doz. | 0 6 0  |
| Palate Drill, Ferguson's                 | . . . . .          | 0 3 6  |
| Palate Knife, Ferguson's straight        | . . . . .          | 0 3 6  |
| Ditto ditto curved                       | . . . . .          | 0 6 0  |
| Scissors, Curved                         | . . . . .          | 0 6 6  |
| Do. Straight                             | . . . . .          | 0 3 6  |

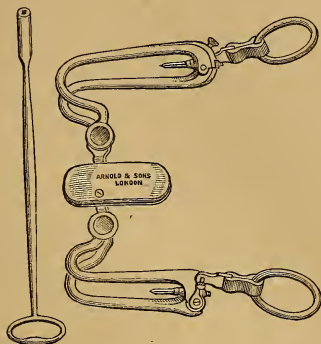


FIG. 337.

Smith's Gag, with cog joint, side levers, and tongue depressor combined, the set complete, Fig. 337 . . . £2 5 0



FIG. 338.

Tongue Depressor, Dr. Hollis' Improved, Fig. 338 . . . 0 12 6

This instrument is made with fenestrated blades, which holds the tongue firmly : a great improvement on the depressors in general use.

|                                                  |   |   |   |
|--------------------------------------------------|---|---|---|
| Tongue Depressor, Cotton's . . . . .             | 0 | 4 | 6 |
| Ditto Prosser James' Improved, in case . . . . . | 2 | 2 | 0 |



FIG. 339.

|                                            |   |   |    |    |   |
|--------------------------------------------|---|---|----|----|---|
| Tongue Depressor, electro-plated, Fig. 339 | . | . | £0 | 8  | 0 |
| Ditto ditto in case                        | . | . | 0  | 12 | 6 |
| Ditto stoutly gilt ditto                   | . | . | 0  | 15 | 6 |
| Ditto plain                                | . | . | 0  | 6  | 6 |
| Ditto vulcanite                            | . | . | 0  | 4  | 6 |



FIG. 340.

|                                                                   |   |   |   |   |   |   |   |   |   |   |   |   |
|-------------------------------------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|
| Tongue Forceps, Dr. Dobell's, for holding the tongue,<br>Fig. 340 | . | . | . | . | . | . | . | . | . | 1 | 1 | 0 |
|-------------------------------------------------------------------|---|---|---|---|---|---|---|---|---|---|---|---|

Vide *British Medical Journal*, March 1st, 1873; and *Monthly Review of Dental Surgery*, October, 1873.



FIG. 341.

|                                                                               |  |  |  |  |  |  |  |  |  |          |    |    |   |
|-------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|----------|----|----|---|
| Tongue-holding Forceps, Improved, by Dr. M. Martin de<br>Bartolome, Fig. 341. |  |  |  |  |  |  |  |  |  | 1        | 10 | 0  |   |
| Tonsil Bistoury                                                               |  |  |  |  |  |  |  |  |  | 0        | 3  | 6  |   |
| Tonsil Forceps, Assilini's Self-acting                                        |  |  |  |  |  |  |  |  |  | 0        | 13 | 6  |   |
| Tonsil Lancet, with silver canula, in morocco case                            |  |  |  |  |  |  |  |  |  | 1        | 0  | 0  |   |
| Tonsil Scissors, Erichsen's                                                   |  |  |  |  |  |  |  |  |  | 8s. 6d., | 0  | 10 | 6 |

|                                         |         |
|-----------------------------------------|---------|
| Tonsil Scissors, Erichsen's . . . . .   | £0 12 6 |
| Ditto curved blades and hooks . . . . . | 0 16 6  |
| Uvula Scissors . . . . .                | 0 6 6   |



FIG. 342.

|                                       |       |
|---------------------------------------|-------|
| Vulsellum Forceps, Fig. 342 . . . . . | 0 7 6 |
| Wire Twister . . . . .                | 0 4 0 |

## TOOTH INSTRUMENTS.

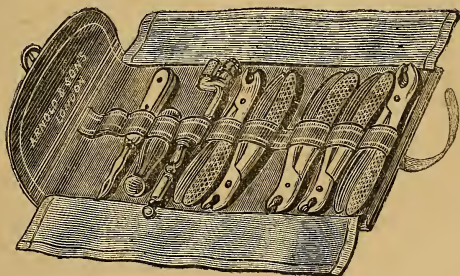


FIG. 343.

No. 1. Leather Pouch, containing—

Curved Tooth Forceps, plain joints.  
 Straight Tooth ditto ditto.  
 Fox's Tooth Key, with three claws.  
 Gum Lancet, in tortoiseshell.  
 Elevator

|                                   |       |
|-----------------------------------|-------|
| The above set, complete . . . . . | 1 0 0 |
|-----------------------------------|-------|

## No. 2. Leather Pouch, Fig. 343, containing—

Lower Molar Forceps, single joints.  
 Upper ditto ditto.  
 Lower Bicuspides Forceps ditto.  
 Upper ditto ditto.  
 Curved Stump ditto ditto.  
 Fox's Tooth Key, with three claws.  
 Gum Lancet, in tortoiseshell.  
 Elevator.

The above set, complete . . . . . £1 17 6

## No. 3. Leather Pouch, lined with velvet, containing—

Upper Molar Forceps, Right (circular joints).  
 Ditto ditto Left ditto.  
 Lower ditto ditto.  
 Upper Bicuspides ditto ditto.  
 Lower ditto ditto ditto.  
 Curved Stump ditto ditto.  
 Fox's Tooth Key, with three claws.  
 Gum Lancet, in tortoiseshell.  
 Bell's Elevator.

The above set, complete . . . . . 3 3 0

## No. 4. Leather Case, lined with velvet, containing—

Upper Molar Forceps, Right (circular joints).  
 Ditto ditto Left ditto.  
 Lower ditto ditto.  
 Upper Incisors Forceps ditto.  
 Lower Incisors and Canine Forceps ditto.  
 Upper Bicuspides ditto.  
 Lower ditto ditto.  
 Curved Stump Forceps ditto.  
 Fox's spring-bolt Tooth Key, with three claws.  
 Gum Lancet, spring back, in tortoiseshell.  
 Bell's Elevator.

The above set, complete . . . . . 4 7 6

No. 5. Superior Leather Case, lined with velvet, containing—

|                                                   |        |
|---------------------------------------------------|--------|
| Upper Molar Forceps, Right, with circular joints. |        |
| Ditto Left ditto.                                 |        |
| Lower Molar ditto                                 | ditto. |
| Upper Wisdom                                      | ditto. |
| Lower Wisdom                                      | ditto. |
| Upper Bicuspides                                  | ditto. |
| Lower Bicuspides                                  | ditto. |
| Upper Incisors and Canines                        | ditto. |
| Lower ditto                                       | ditto. |
| Upper Stump                                       | ditto. |
| Lower Stump                                       | ditto. |
| Elevator, in ivory handle.                        |        |

The above set, complete . . . . . £5 2 6

No. 6. Mahogany Case, lined with silk velvet, containing—

|                                               |        |
|-----------------------------------------------|--------|
| Upper Molar Forceps, Right, circular joints.  |        |
| Upper Molar ditto Left ditto.                 |        |
| Lower Molar ditto                             | ditto. |
| Upper Wisdom                                  | ditto. |
| Lower Wisdom                                  | ditto. |
| Upper Bicuspides.                             | ditto. |
| Lower Bicuspides.                             | ditto. |
| Upper Central Incisors and Canines, ditto.    |        |
| Lower ditto.                                  | ditto. |
| Upper Lateral Incisors and Bicuspides, ditto. |        |
| Lower ditto.                                  | ditto. |
| Improved Lower Stumps.                        | ditto. |
| Improved Upper Stumps.                        | ditto. |
| Lower Roots                                   | ditto. |
| Elevator, in chequered handle.                |        |
| Gum Lancet, spring back, in shell.            |        |

The above set, complete . . . . . 6 15 0

Excavating and Rosehead Drills, consisting of twelve

Excavating and six Rosehead, fitting one socket handle,  
in morocco case, lined silk velvet . . . . . 1 1 0

Instruments for cutting down Enamel, set of twelve, with  
socket handle, in morocco case, complete . . . . . 1 2 6



|                                                                                                                                                                    |    |    |   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|---|
| Scaling Instruments, plain handles, four in morocco case                                                                                                           | £0 | 10 | 0 |
| Ditto ditto six ditto                                                                                                                                              | 0  | 14 | 0 |
| Ditto Portable, six fitting one handle, in leather case . . . . .                                                                                                  | 0  | 12 | 0 |
| Ditto set of six, in ivory handles and morocco case . . . . .                                                                                                      | 0  | 18 | 0 |
| Ditto set of twelve ditto . . . . .                                                                                                                                | 1  | 15 | 0 |
| Ditto set of twelve, fitting one socket handle (ivory), in morocco case, lined silk velvet . . . . .                                                               | 1  | 0  | 0 |
| Scaling and Stopping Instruments, consisting of six Scaling and six Stopping, in ivory handles, in morocco case, lined silk velvet . . . . .                       | 1  | 15 | 0 |
| Stopping Instruments, set of six, in ivory handles and morocco case . . . . .                                                                                      | 0  | 18 | 0 |
| Ditto set of twelve ditto . . . . .                                                                                                                                | 1  | 15 | 0 |
| Ditto set of twelve, fitting one socket, ivory handle, in morocco case, lined silk velvet . . . . .                                                                | 1  | 0  | 0 |
| Stopping and Scaling Instruments, consisting of twelve Stopping and twelve Scaling, fitting one socket, ivory handle, in morocco case, lined silk velvet . . . . . | 1  | 10 | 6 |

~~~~~

Arnold and Sons' Dental Cabinet, in rosewood, walnut, or mahogany, lined silk velvet, with Instrument Trays, &c., containing—

Twelve Scaling Instruments, in ivory handles.
 Twelve Stopping ditto ditto.
 Twelve Excavators, steel handles.
 Twelve Drills, rose-heads, ditto.
 One Mouth Mirror.
 Spring Forceps for foil, cotton, &c.
 Bottle for Stopping.
 Bottle for Mercury.

The above set, complete 10 10 0

~~~~~

Arnold and Sons' Dental Cabinet, in rosewood, walnut, or mahogany, lined silk velvet, with Trays for Instruments, Gold Foil, and Drawer for Forceps, &c., containing—

Twelve Scaling Instruments, in ivory handles.  
 Twelve Stopping ditto ditto.  
 Twelve Excavators, steel handles.  
 Twelve rose-headed Drills, ditto.  
 Sixteen pairs Tooth Forceps, circular joints.  
 Two Elevators.  
 One Excising Forceps.

One Mouth Mirror.  
 Pair Strong Scissors.  
 Gum Lancet, in tortoiseshell.

The above set, complete . . . . . £16 16 0

Arnold and Sons' Superior Dental Cabinet, in rosewood, walnut, or mahogany, lined silk velvet, with Trays and Drawers for Instruments, Gold Foil, &c., and lower Drawer for extra Forceps, containing—

Eighteen superior Scaling Instruments, in ivory handles.  
     Ditto      Stopping      ditto      ditto.  
 Twenty-four Excavators, in steel handles.  
 Twelve rose Drills      ditto.  
 Twelve pairs circular-jointed Tooth Forceps.  
 Four ditto      ditto      for Children.  
 Twelve Excavators, fitting socket handle.  
 Twelve rose Drills      ditto.  
 Pair Excising Forceps.  
 Two Stump Elevators.  
 One Screw for Stumps.  
 One Gum Lancet, spring back, tortoiseshell handle.  
 One strong Scissors, for foil, &c.  
 One Tooth Syringe, electro-plated.  
 One Mouth Mirror.  
 One Tooth Saw.  
 One Mouth Spatula.

The above set, complete . . . . . 25 0 0

Arnold and Sons' Tooth Forceps, circular joints and chequered handles, superior quality :—



FIG. 344.

Upper Molar Forceps, right, Fig. 344 . . . . . 0 7 6



FIG. 345.

Upper Molar Forceps, left, Fig. 345 . . . . . £0 7 6

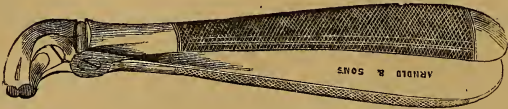


FIG. 346.

Lower Molar Forceps, Fig. 346 . . . . . 0 7 6

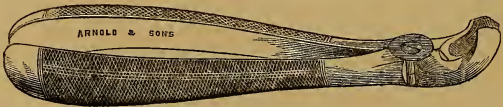


FIG. 347.

Lower Wisdom Forceps, Fig. 347 . . . . . 0 7 6

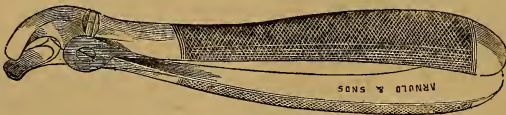


FIG. 348.

Upper Wisdom Forceps, Fig. 348 . . . . . 0 7 6



FIG. 349.

Upper Central Incisors and Canines, Fig. 349 . . . . . 0 7 6



FIG. 350.

Upper Lateral Incisors and Bicuspid, Fig. 350 . . . £0 7 6

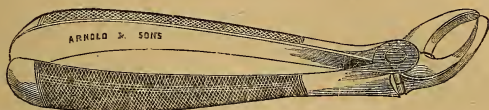


FIG. 351.

Lower Incisors and Canines, Fig. 351 . . . 0 7 6



FIG. 352.

Lower Bicuspid Forceps, Fig. 352 . . . 0 7 6



FIG. 353.

Upper Bicuspid Forceps, Fig. 353 . . . 0 7 6



FIG. 354.

Lower Stump Forceps, Fig. 354 . . . 0 7 6

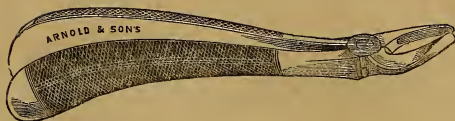


FIG. 355.

Upper Stump Forceps, Fig. 355 . . . . . £0 7 6

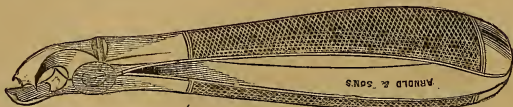


FIG. 356.

Lower Molar Stump Forceps, Fig. 356 . . . . . 0 7 6



FIG. 357.

Upper Molar Stumps, right, Fig. 357 . . . . . 0 7 6

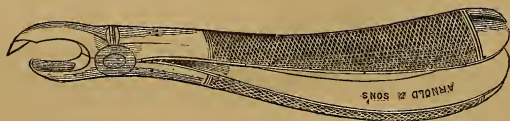


FIG. 358.

Upper Molar Stumps, left, Fig. 358 . . . . . 0 7 6



FIG. 359.

Lower Molar, right, Fig. 359 . . . . . 0 7 6

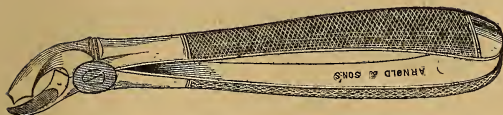


FIG. 360.

Lower Molar Forceps, left, Fig. 360 . . . . £0 7 6

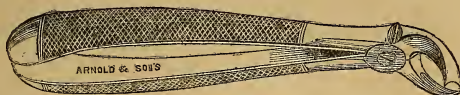


FIG. 361.

Lower Bicuspid Forceps, right, Fig. 361 . . . . 0 7 6

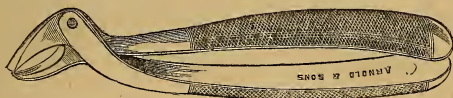


FIG. 362.

Lower Bicuspid Forceps, Fig. 362 . . . . 0 7 6

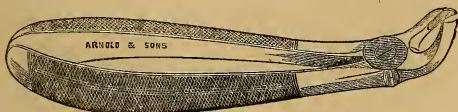


FIG. 363.

Lower Bicuspid Forceps, left, Fig. 363 . . . . 0 7 6

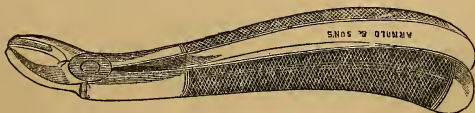


FIG. 364.

Upper Bicuspid Forceps, right, Fig. 364 . . . . 0 7 6



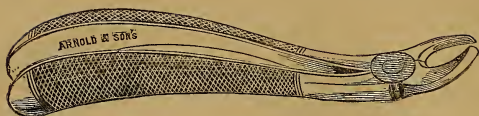


FIG. 365.

Upper Bicuspides, left, Fig. 365 . . . . . £0 7 6



FIG. 366.

Lower Bicuspides, right, Fig. 366 . . . . . 0 7 6



FIG. 367.

Lower Bicuspides, left, Fig. 367 . . . . . 0 7 6

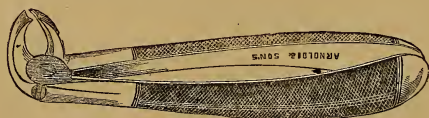


FIG. 368.

Lower Bicuspides Forceps, Fig. 368 . . . . . 0 7 6



FIG. 369.

Upper Stump Forceps, Fig. 369 . . . . . 0 7 6





FIG. 370.

Lower Stump Forceps, Fig. 370 . . . . . £0 7 6

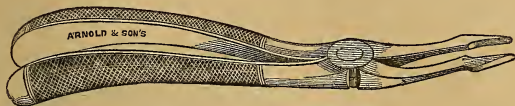


FIG. 371.

Upper Stump Forceps, Fig. 371 . . . . . 0 7 6

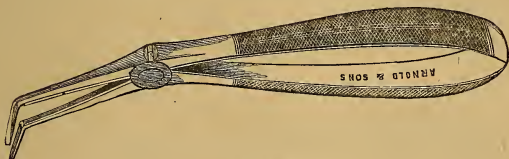


FIG. 372.

Lower Stump Forceps, left, Fig. 372 . . . . . 0 7 6

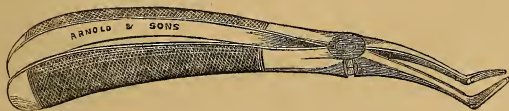


FIG. 373.

Upper Stump Forceps, Fig. 373 . . . . . 0 7 6



FIG. 374.

Upper Stump Forceps, Fig. 374 . . . . . 0 7 6



FIG. 375.

Lower Stump Forceps, Fig. 375 . . . . . £0 7 6



FIG. 376.

Lower Stump Forceps, Fig. 376 . . . . . 0 7 6



FIG. 377.

Lower Stump Forceps, right, Fig. 377 . . . . . 0 7 6

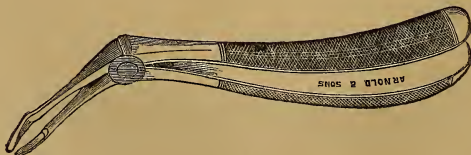


FIG. 378.

Upper Stump Forceps, right, Fig. 378 . . . . . 0 7 6

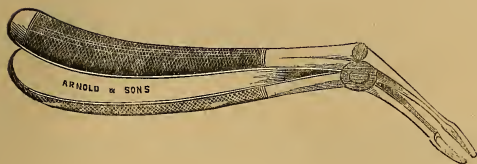


FIG. 379.

Upper Stump Forceps, left, Fig. 379 . . . . £0 7 6



FIG. 380.

Lower Stump Forceps, Fig. 380 . . . . 0 7 6



FIG. 381.

Children's Forceps, Lower Temporary Molars, Fig. 381 . 0 6 6



FIG. 382.

Children's Upper Temporary Molars, Fig. 382 . . 0 6 6



FIG. 383

Children's Upper Temporary Incisors, Fig. 383 . . 0 6 6

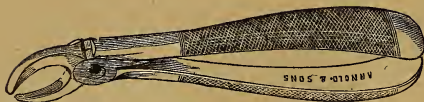


FIG. 384.

Children's Lower Temporary Incisors, Fig. 384 . . . £0 6 6



FIG. 385.

Upper Excising Forceps, Fig. 385 . . . . . 0 8 6

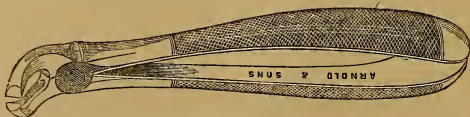


FIG. 386.

Lower Excising Forceps, Fig. 386 . . . . . 0 8 6



FIG. 387.

Upper Excising Forceps, Fig. 387 . . . . . 0 8 6



FIG. 388.

Lower Excising Forceps, Fig. 388 . . . . . 0 8 6



FIG. 389.

Lower Molar Forceps, angular, Fig. 389 . . . £0 8 0

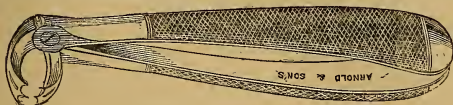


FIG. 390.

Lower Molar Forceps, angular, Left, Fig. 390 . . . 0 8 0



FIG. 391.

Lower Molar Forceps, angular, Right, Fig. 391 . . . 0 8 0  
 Alveolar Forceps, Mr. Cattlin's . . . 0 10 6

To prevent rust all Tooth Forceps can be plated with nickel silver at a cost of 1s. 9d. per pair, which is always clean and does not tarnish.

Mr. Coleman's Odontological Bag (Registered), containing—

Twelve pairs Tooth Forceps.

Three Elevators.

Gum Lancet, in tortoiseshell handle.

Tenaculum ditto.

Scalpel ditto.

Paget's Knife.

Nitrous Oxide Apparatus, consisting of a Twenty-five gallon

Bottle of Liquid Gas, Bloxam's Bag, two face-pieces, three props, two way stopcocks, unions, &c.

Eight half-ounce stoppered glass bottles.

Four two ounce ditto ditto.

Twenty-four Excavators, steel handles.

Twelve Rose Drills.

Twenty-four Pluggers, wooden handles.

Six Enamel Cutters.

Four Burnishers.

Six Files.

Mouth Mirror.

Mouth Syringe.

Four steel Scalars.

Box Powdered Pumice.

Two Dragon Roots.

Spatula with Spoon.

Small Agate Pestle and Mortar.

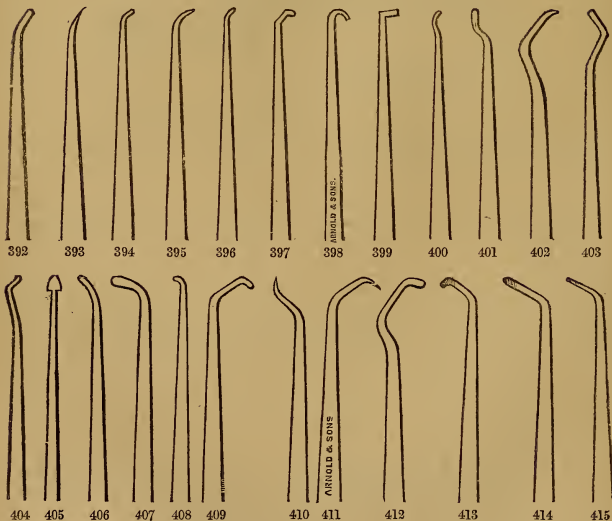
Small Spirit Lamp.

Dressing Forceps.

Foil Forceps.

Trays for gold-foil, German tinder, &c., &c.

The above set, complete . . . . . £20 0 0



Excavating Instruments, in ivory handles, as Figs. 392 to

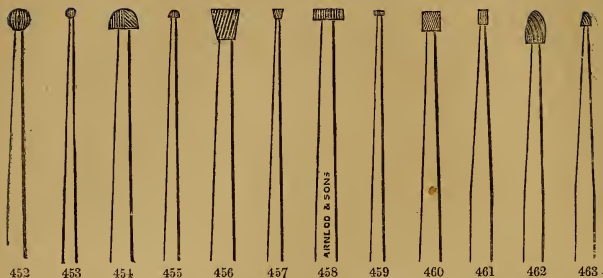
415 . . . . . each 0 1 6

Ditto . . . . . steel ditto as Figs. 392 to

415 . . . . . each 0 1 0







Rose-head Drills, with steel handles, as Figs. 452 to 463 £0 1 0  
 Ditto in ivory handles, as Figs. 452 to 463 . 0 1 6



FIG. 464.

Elevator, Arnold and Sons' Improved, with cog movement, adjustable at any angle, Fig. 464 . . . 0 10 0  
 Ditto American . . . . . 0 3 6



FIG. 465.

Elevator, Bell's, Fig. 465 . . . . . 0 4 6  
 Ditto Clendon's, ebony handle . . . . . 0 3 0  
 Ditto ditto chequered ebony handle . . . . . 0 3 6  
 Ditto ditto ivory handle . . . . . 0 7 6  
 Ditto ditto, with swivel joint . . . . . 0 7 0  
 Ditto Kempton's, with six claws, in case complete . . 1 1 0  
 Ditto Sheffield's . . . . . 0 5 0  
 Ditto Saunders', set of three . . . . . 0 8 0



FIG. 466.

|                                                       |      |    |    |   |
|-------------------------------------------------------|------|----|----|---|
| Elevator, Tomes', right, left, and straight, Fig. 466 | each | £0 | 5  | 0 |
| Ditto Thomson's                                       |      | 0  | 4  | 6 |
| Ditto ditto set of three, in ebony handles            |      | 0  | 13 | 6 |
| Ditto ditto ditto in ivory ditto                      |      | 0  | 18 | 0 |
| Elevators, plain                                      |      | 0  | 2  | 6 |
| Forceps for cutting bone, Mr. Coleman's Improved      |      | 0  | 15 | 0 |

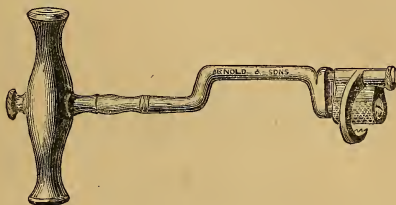


FIG. 467.

|                                               |  |   |    |   |
|-----------------------------------------------|--|---|----|---|
| Fox's Tooth Key, ebony handle, Fig. 467       |  | 0 | 8  | 6 |
| Ditto ivory handle                            |  | 0 | 10 | 0 |
| Ditto Improved with spring bolt, ebony        |  | 0 | 14 | 0 |
| Ditto ditto ditto ivory                       |  | 0 | 16 | 0 |
| Ditto ditto ditto with spring                 |  | 0 | 18 | 0 |
| to handle                                     |  | 0 | 18 | 0 |
| Gum Lancet, tortoiseshell handle              |  | 0 | 2  | 6 |
| Ditto spring back                             |  | 0 | 4  | 0 |
| Ditto two blades                              |  | 0 | 7  | 6 |
| Ditto three blades                            |  | 0 | 10 | 0 |
| Mouth Mirror, ivory handle                    |  | 0 | 4  | 0 |
| Ditto hinged                                  |  | 0 | 5  | 6 |
| Ditto German silver, ivory handle             |  | 0 | 6  | 0 |
| Ditto ditto to fold                           |  | 0 | 8  | 6 |
| Ditto pearl handle                            |  | 0 | 7  | 6 |
| Ditto steel                                   |  | 0 | 2  | 6 |
| Ditto in wood frame                           |  | 0 | 1  | 0 |
| Ditto Arnold and Sons' Improved, silver, with |  | 0 | 17 | 6 |
| ball-and-socket movement                      |  | 0 | 12 | 6 |
| Ditto ditto ditto electro-plated              |  | 0 | 12 | 6 |
| Ditto folding joint                           |  | 0 | 12 | 6 |

|                                                                                        |    |    |   |
|----------------------------------------------------------------------------------------|----|----|---|
| Mouth Mirror, Kiessler's plated frame . . . . .                                        | £0 | 15 | 6 |
| Ditto swing frame, plated . . . . .                                                    | 0  | 6  | 6 |
| Rose-head Drill, with universal joint . . . . .                                        | 0  | 15 | 0 |
| ditto Arnold and Sons' Improved . . . . .                                              | 1  | 3  | 6 |
| Screw for Stumps . . . . .                                                             | 0  | 2  | 6 |
| Snell's Tooth Key, spring bolt and revolving fulcrum . . . . .                         | 1  | 1  | 0 |
| Syringe, with fine silver pipe for washing out cavities . . . . .                      | 0  | 5  | 0 |
| Tooth Punch, Arnold and Sons' portable folding, with<br>French spring catch . . . . .  | 0  | 10 | 6 |
| Two Tooth Keys, small and large, with spring bolts and<br>fitting one handle . . . . . | 1  | 10 | 0 |

### TROCARS.

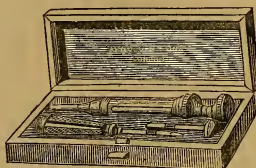


FIG. 468.

No. 1. Morocco leather case, Fig. 468, containing—

Hydrocele Trocar, in chequered ebony handle, and silver ferrule and canula.

Glass syringe, with platina point and ivory mounts.

The set, complete . . . . . 0 17 6

No. 2. Morocco leather case, lined silk velvet, containing—

Large Trocar for paracentesis abdominis, in chequered ebony handle, with silver ferrule and canula.

Medium Trocar for ascites ditto

Small ditto hydrocele, ditto.

The set, complete . . . . . 1 5 0

No. 3. Superior morocco leather case, with spring lock and lined silk velvet, containing—

Large Trocar for paracentesis abdominis, in chequered ebony handle, with silver ferrule and canula.

Medium Trocar for ascites ditto.

Small ditto hydrocele ditto.

Ponteau's curved Trocar for puncturing the bladder per rectum.

Glass Syringe, with platina point and ivory mounts.

The set, complete . . . . . £2 7 6



FIG. 469.

Hydrocele Trocar, in chequered ebony handle silver canula and ferrule, Fig. 469 . . . . . 0 6 0



FIG. 470.

Ascites Trocar, in chequered ebony handle, silver canula and ferrule, Fig. 470 . . . . . 0 7 6



FIG. 471.

Paracentesis Abdominis Trocar, in chequered ebony handle, silver canula and ferrule, Fig. 471 . . . . . 0 8 6

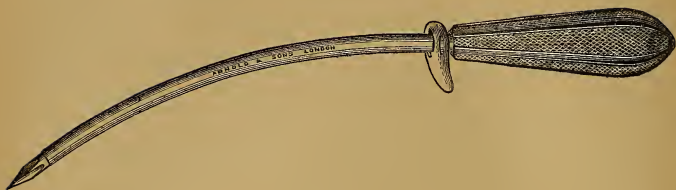


FIG. 472.

|                                                                                                                                         |    |    |   |
|-----------------------------------------------------------------------------------------------------------------------------------------|----|----|---|
| Ponteau's curved Trocar for puncturing the bladder per rectum, in chequered ebony handle, silver canula and ferrule, Fig. 472 . . . . . | £0 | 13 | 6 |
| Cock's Trocar for puncturing the bladder per rectum, with three silver canulas, in case, complete . . . . .                             | 1  | 13 | 6 |



FIG. 473.

|                                                                                                                                                 |      |   |    |   |
|-------------------------------------------------------------------------------------------------------------------------------------------------|------|---|----|---|
| Exploring Trocar, in ivory case, the silver canula fitting into the handle for portability, four sizes, Nos. 1, 2, 3, and 4, Fig. 473 . . . . . | each | 0 | 7  | 6 |
| Ditto in ebony case, Fig. 473 ditto ditto . . . . .                                                                                             |      | 0 | 6  | 6 |
| Hydrocele Trocar ditto Fig. 473 . . . . .                                                                                                       |      | 0 | 7  | 6 |
| Ascites ditto ditto Fig. 473 . . . . .                                                                                                          |      | 0 | 8  | 6 |
| Paracentesis Abdominis, ditto Fig. 473 . . . . .                                                                                                |      | 0 | 9  | 6 |
| Thompson's Trocar, with side branch for india-rubber tubing, small . . . . .                                                                    |      | 0 | 16 | 0 |
| Ditto ditto large . . . . .                                                                                                                     |      | 0 | 17 | 0 |
| Dieulafoy's Suction Trocar . . . . .                                                                                                            |      | 2 | 2  | 0 |



FIG. 474.

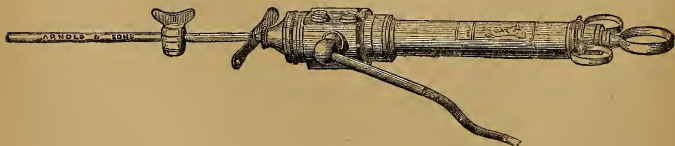


FIG. 475.

|                                                                                                              |    |   |   |
|--------------------------------------------------------------------------------------------------------------|----|---|---|
| Dr. Murchinson's Improved Trocar and Syringe complete,<br>for Tapping the Chest, Figs. 474 and 475 . . . . . | £2 | 2 | 0 |
| Ditto with two stop-cock Canulas<br>and Trocars, complete in case . . . . .                                  | 3  | 3 | 0 |
| Ditto with three stop-cock Canulas<br>and Trocars, complete in case . . . . .                                | 4  | 4 | 0 |

In the above Syringe the valves are so arranged that it is impossible for air to enter, and no stop-cock is required to the Syringe.

|                                                                                                                                                                       |   |   |   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|
| Erichsen's Trocar for Tapping the Chest. To the end of<br>Canula a mount is made which plugs on, and to which<br>is attached a bladder to receive the fluid . . . . . | 1 | 1 | 0 |
| Hydrocephalus Trocar . . . . .                                                                                                                                        | 0 | 8 | 6 |

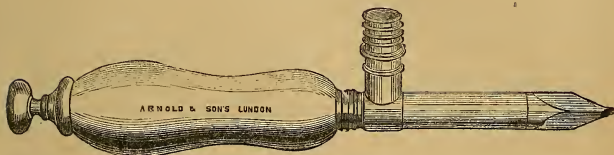


FIG. 476.

|                                                                                          |   |    |   |
|------------------------------------------------------------------------------------------|---|----|---|
| Spencer Wells' Ovariectomy Syphon Trocar, with side<br>branch, small, Fig. 476 . . . . . | 1 | 7  | 6 |
| Ditto ditto medium,<br>Fig. 476 . . . . .                                                | 1 | 12 | 6 |
| Ditto ditto large, Fig. 476 . . . . .                                                    | 2 | 0  | 0 |
| Ditto Syphon Trocar, with hooks for secur-<br>ing the pedicle . . . . .                  | 2 | 2  | 0 |

## ASPIRATORS.

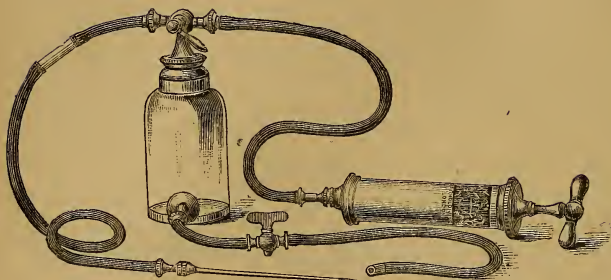


FIG. 477.

Aspirator, Arnold and Sons' Improved, with glass reservoir, exhausting syringe, and six seamless tube gilt needles, two-way stop-cock, complete, in morocco case, Fig. 477 . . . . . £5 5 0



FIG. 478.

Aspirator, Dieulafoy's, with four seamless tube gilt needles, &c., in leather case, small size, Fig. 478 . . . . . 2 2 0  
 Ditto with six needles, complete  
 in morocco leather case, medium size, Fig. 478 . . . . . 3 3 0  
 Ditto large, Fig. 478 . . . . . 4 4 0  
 Ditto mounted on ebony stand, glass barrel, piston, with rack movement, three stop cocks, with full set of needles and trocars of various sizes, in handsome morocco case . . . . . 9 9 0



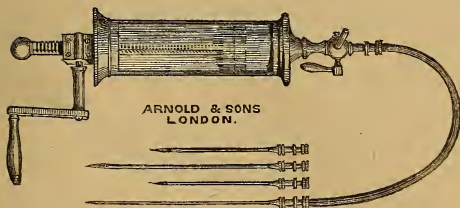


FIG. 479.

Aspirator, -with Arnold and Sons' improved rack and pinion movement to enable the operator to draw up the 'plunger without exertion, complete in morocco case, Fig. 479 . . . . . £4 10 0

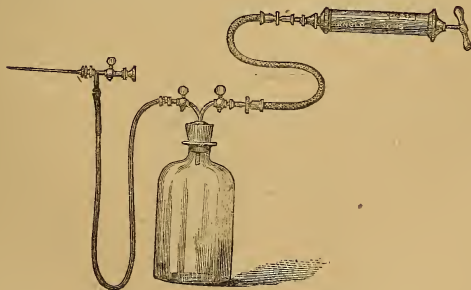


FIG. 480.

Aspirator, Potain's, complete, with india-rubber cork, air pump, three trocars, two fine needles, three canulas, and three blunt trocars, &c., in mahogany case, lined silk velvet, Fig. 480 . . . . . 4 10 0

Aspirator, Dr. Protheroe Smith's, in morocco leather case, with Exploring Trocars, Tubes, &c. . . . small 2 2 0

Ditto ditto large 3 3 0

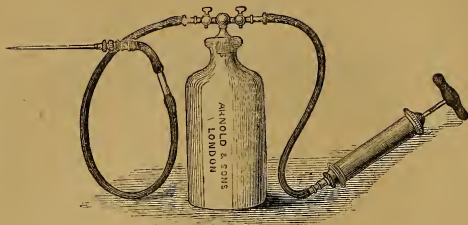


FIG. 481.

|                                                                                                                                           |         |
|-------------------------------------------------------------------------------------------------------------------------------------------|---------|
| Aspirator, Arnold and Sons' Improved, with india-rubber cork to fit any size bottle, and one needle, in mahogany case, Fig. 481 . . . . . | £1 10 0 |
| Ditto Arnold and Sons', with flute key lever and set of needles, in mahogany case . . . . .                                               | 2 10 0  |

## ABDOMINAL BELTS, BANDAGES, &c.

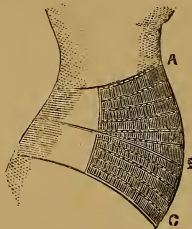


FIG. 482.

|                                                                               |        |
|-------------------------------------------------------------------------------|--------|
| Arnold and Sons' Improved Abdominal Belt, with cotton elastic sides . . . . . | 0 15 0 |
| Ditto ditto superior . . . . .                                                | 1 1 0  |
| Ditto ditto with silk elastic sides . . . . .                                 | 1 1 0  |
| Ditto ditto superior . . . . .                                                | 1 10 0 |
| Ditto ditto, with spiral wire sides, superior quality . . . . .               | 2 2 0  |

The advantage of these Belts consists in the sides being made of specially prepared spiral wires, which always retain their power and elasticity.

|                                                          |         |
|----------------------------------------------------------|---------|
| Abdominal Belt, Elastic, Cotton, third quality, Fig. 482 | £0 15 0 |
| Ditto second ditto . . .                                 | 1 1 0   |
| Ditto first ditto . . .                                  | 1 10 0  |
| Abdominal Belt, Elastic Silk, third quality . . .        | 1 0 0   |
| Ditto second ditto . . .                                 | 1 7 6   |
| Ditto first ditto . . .                                  | 1 15 0  |
| Abdominal Belt, Spiral Elastic Silk, third quality . . . | 1 10 0  |
| Ditto ditto second ditto . . .                           | 2 2 0   |
| Ditto ditto first ditto . . .                            | 3 0 0   |
| Bryant's Abdominal Belt . . .                            | 0 17 6  |
| Ditto superior . . .                                     | 1 12 6  |

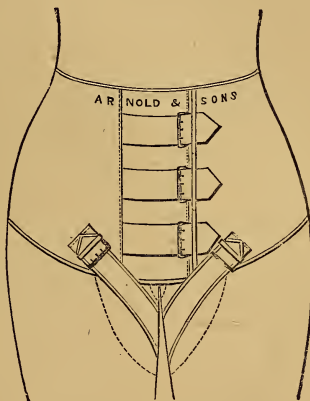


FIG. 483.

Obstetric Binder, Dr. Greene's Improved, Fig. 483 . 0 7 6

The following letter appeared in the 'Medical Press and Circular' of June 18th, 1873 :—

"SIR,—I beg to forward herewith a specimen of an Obstetric Binder, devised by me to meet a want I have long felt in my daily practice, where I find the ordinary roller useless in consequence of its slipping up round the patient's waist with the slightest movement on her part, no matter how securely fastened, while the binder, with one strap passing between the patient's thighs, is too obviously inconvenient.

"My Binder has two straps, one to fasten round each thigh. It can be adjusted by any ordinary nurse, or by the patient herself, and once fixed must remain *in situ*. The diagram, however, will convey a better idea of its construction and advantages than a mere verbal description.

"Yours, &c.,

"W. T. GREENE, M.A., M.B., &c.,"

|                                    |                  |   |   |    |    |   |
|------------------------------------|------------------|---|---|----|----|---|
| Obstetric Binder, Dr. Greenhalgh's | .                | . | . | £0 | 5  | 6 |
| Ditto                              | Dr. Gaitskill's  | . | . | 0  | 3  | 6 |
| Ditto                              | Arnold and Sons' | . | . | 0  | 5  | 0 |
| Woodward's Obstetric Support       | .                | . | . | 1  | 11 | 6 |

Vide *Lancet*, October 16th, 1869.

|                                                   |                                        |             |   |    |   |
|---------------------------------------------------|----------------------------------------|-------------|---|----|---|
| Umbilical Belt, with cotton elastic sides and pad | .                                      | .           | 0 | 18 | 0 |
| Ditto                                             | ditto                                  | super       | 1 | 4  | 0 |
| Ditto                                             | with silk elastic sides and Arnold and |             |   |    |   |
| Sons' Improved india-rubber pad                   | .                                      | .           | 1 | 5  | 0 |
| Ditto                                             | ditto                                  | super       | 1 | 15 | 0 |
| Ditto                                             | ditto                                  | with spiral |   |    |   |
| elastic sides and inflated pad                    | .                                      | .           | 2 | 2  | 0 |

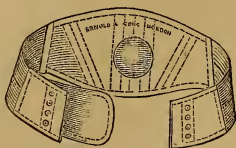


FIG. 484.

|                                                       |   |   |   |   |       |
|-------------------------------------------------------|---|---|---|---|-------|
| Umbilical Band, Children's, Arnold and Sons' Improved |   |   |   |   |       |
| Fig. 484                                              | . | . | . | . | 0 7 0 |

*This Bandage is so constructed that it fits the body accurately, and remains in one position. Those in general use are a source of annoyance by constantly shifting.*

|                                         |       |         |   |   |   |     |
|-----------------------------------------|-------|---------|---|---|---|-----|
| Umbilical Band, Children's india-rubber | .     | .       | . | 0 | 2 | 0   |
| Ditto                                   | ditto | to lace | . | . | 0 | 3 6 |

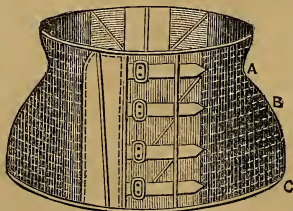


FIG. 485.

|                                           |                                        |               |   |   |    |      |
|-------------------------------------------|----------------------------------------|---------------|---|---|----|------|
| Riding Belt, plain rubber sides, Fig. 485 | .                                      | .             | . | 0 | 7  | 6    |
| Ditto                                     | ditto                                  | superfine     | . | . | 0  | 12 6 |
| Ditto                                     | Arnold and Sons' Improved, with spiral |               |   |   |    |      |
| wire sides                                | .                                      | .             | . | 1 | 15 | 0    |
| Ditto                                     | ditto                                  | super quality | . | 2 | 2  | 0    |

|                                   |         |
|-----------------------------------|---------|
| Prolapsus Uteri Bandage . . . . . | £0 12 6 |
| Ditto Blundell's . . . . .        | 1 5 0   |

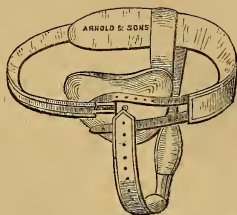


FIG. 486.

|                                                     |        |
|-----------------------------------------------------|--------|
| Utero-Abdominal Support, Hull's, Fig. 486 . . . . . | 1 15 0 |
| Ditto ditto superfine quality . . . . .             | 2 5 0  |
| Ditto Lever's . . . . .                             | 1 10 0 |
| Ditto Palfrey's . . . . .                           | 1 1 0  |
| Ditto Ashburner's . . . . .                         | 0 15 0 |
| T Bandages . . . . .                                | 0 1 6  |
| Eighteen-tailed Bandages . . . . .                  | 0 2 0  |
| Strait Waistcoats . . . . .                         | 0 14 0 |
| Lunatic Belts, complete . . . . .                   | 2 2 0  |
| Ditto Manacles, complete . . . . .                  | 2 10 0 |

NOTE.—Measurements required for Abdominal or Umbilical Belts, circumference round A, E, and C, Fig. 482.

Measurements required for Riding Belts, circumference round A, B, C, Fig. 484.

## TRUSSES.

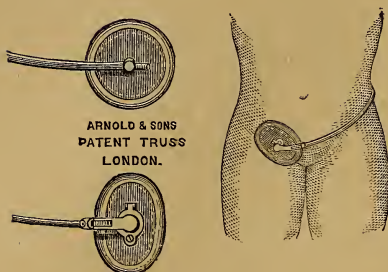


FIG. 487.

|                                                      |   |       |   |         |        |
|------------------------------------------------------|---|-------|---|---------|--------|
| Arnold and Sons' Improved Self-adjusting Truss, with |   |       |   |         |        |
| ball-and-socket pad, Single, Fig. 487                | . | .     | . | £0 15 0 |        |
| Ditto                                                |   | ditto |   | Double  | 1 10 0 |

This truss is so constructed that the ball-and-socket pad can be readily fixed at any required angle or left perfectly free if desired. The covering is of tubular india rubber, which rotates with every movement of the body, thereby rendering the pads immovable. The truss can be increased or shortened as required by simply turning the pad at back.

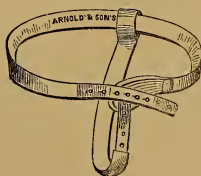


FIG. 488.

|                                        |       |                |   |   |   |       |
|----------------------------------------|-------|----------------|---|---|---|-------|
| Circular spring Single Truss, Fig. 488 |       |                | . | . | . | 0 2 6 |
| Ditto                                  | ditto | covered, best  | . | . | . | 0 3 6 |
| Ditto                                  | ditto | extra superior | . | . | . | 0 5 0 |



FIG. 489.

|                                                   |    |    |   |
|---------------------------------------------------|----|----|---|
| Circular Spring, Double Truss, Fig. 489 . . . . . | £0 | 5  | 0 |
| Ditto ditto covered best . . . . .                | 0  | 7  | 0 |
| Ditto ditto extra superior . . . . .              | 0  | 10 | 0 |
| Moc-Main Single Truss . . . . .                   | 0  | 10 | 0 |
| Ditto superior . . . . .                          | 0  | 15 | 0 |
| Ditto extra-superior . . . . .                    | 1  | 1  | 0 |

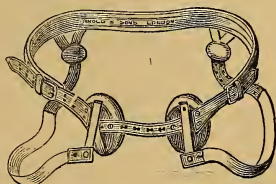


FIG. 490.

|                                           |   |    |   |
|-------------------------------------------|---|----|---|
| Moc-main Double Truss, Fig. 490 . . . . . | 0 | 15 | 0 |
| Ditto ditto super . . . . .               | 1 | 5  | 0 |
| Ditto ditto extra superior . . . . .      | 1 | 10 | 0 |



FIG. 491.

|                                                                                        |   |    |   |
|----------------------------------------------------------------------------------------|---|----|---|
| Salmon's (expired patent) Single Truss, Fig. 491 . . . . .                             | 0 | 4  | 6 |
| Ditto covered, best . . . . .                                                          | 0 | 7  | 6 |
| Ditto Arnold and Sons' Improved, extra light, and covered in morocco leather . . . . . | 0 | 10 | 6 |





FIG. 492.

|                                                                                             |    |    |   |
|---------------------------------------------------------------------------------------------|----|----|---|
| Salmon's (expired patent) Double Truss, Fig. 492 . . .                                      | £0 | 9  | 0 |
| Ditto ditto covered, best . . . . .                                                         | 0  | 15 | 0 |
| Ditto ditto Arnold and Sons' Improved,<br>extra light, and covered in morocco leather . . . | 1  | 1  | 0 |

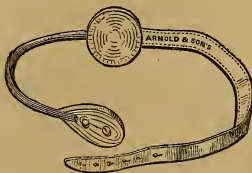


FIG. 493.

|                                                      |   |    |   |
|------------------------------------------------------|---|----|---|
| Cole's (expired patent) Single Truss, Fig. 493 . . . | 0 | 7  | 0 |
| Ditto ditto covered, best . . . . .                  | 0 | 10 | 6 |

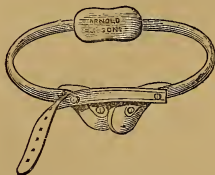


FIG. 494.

|                                                             |   |    |   |
|-------------------------------------------------------------|---|----|---|
| Cole's (expired patent) Double Truss Fig. 494 . . .         | 0 | 14 | 0 |
| Ditto ditto covered, best . . . . .                         | 1 | 1  | 0 |
| Arnold and Sons' Improved, with sliding heads, single . . . | 0 | 12 | 6 |
| Ditto ditto ditto double . . . . .                          | 1 | 5  | 0 |

These trusses are fitted with india-rubber pads and sliding heads, the spring being covered with Russian leather.



FIG. 495.

|                                                 |    |    |   |
|-------------------------------------------------|----|----|---|
| Umbilical Truss, Fig. 495 . . . . .             | £0 | 8  | 0 |
| Ditto covered, best . . . . .                   | 0  | 15 | 0 |
| Ditto with spring pad . . . . .                 | 1  | 1  | 0 |
| Prolapsus Ani Truss, with boxwood pad . . . . . | 1  | 1  | 0 |

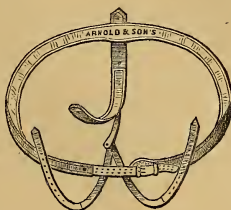


FIG. 496.

|                                                                                                        |   |    |   |
|--------------------------------------------------------------------------------------------------------|---|----|---|
| Prolapsus Ani Truss, Arnold and Sons' Improved, with<br>ivory pad and under spring, Fig. 496 . . . . . | 1 | 10 | 0 |
| Ditto ditto superior quality . . . . .                                                                 | 2 | 0  | 0 |
| Prolapsus Bandage, with india-rubber pad . . . . .                                                     | 0 | 10 | 0 |
| Scrotal Truss, single . . . . .                                                                        | 0 | 4  | 6 |
| Ditto covered, best . . . . .                                                                          | 0 | 7  | 6 |
| Ditto double . . . . .                                                                                 | 0 | 8  | 0 |
| Ditto ditto covered best . . . . .                                                                     | 0 | 14 | 0 |

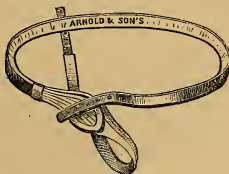


FIG. 497.

|                                                          |   |    |   |
|----------------------------------------------------------|---|----|---|
| Scrotal Truss, single, with tail pad, Fig. 497 . . . . . | 0 | 7  | 6 |
| Ditto ditto covered, best . . . . .                      | 0 | 10 | 6 |
| Ditto double ditto . . . . .                             | 0 | 15 | 0 |
| Ditto ditto ditto covered, best . . . . .                | 1 | 1  | 0 |

Directions for measurement.—Circumference of body round pelvis,  
which side, and whether Inguinal, Scrotal, or Femoral

## SUSPENDERS.

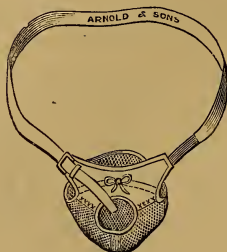


FIG. 498.

|                                                                                                                 |    |   |   |
|-----------------------------------------------------------------------------------------------------------------|----|---|---|
| Cotton Suspender, common . . . . .                                                                              | £0 | 1 | 6 |
| Ditto best . . . . .                                                                                            | 0  | 2 | 6 |
| Silk Suspender . . . . .                                                                                        | 0  | 3 | 0 |
| Ditto Arnold and Sons' Improved, with<br>drawing tape, Fig. 498 . . . . .                                       | 0  | 3 | 6 |
| Bourjeaud's Silk Suspender . . . . .                                                                            | 0  | 5 | 6 |
| Ditto Cotton ditto . . . . .                                                                                    | 0  | 4 | 6 |
| Cotton Suspender, with Jean band and under straps . . . . .                                                     | 0  | 2 | 6 |
| Silk ditto ditto . . . . .                                                                                      | 0  | 3 | 6 |
| Ryan's Silk Suspender . . . . .                                                                                 | 0  | 4 | 6 |
| Hydrocele Suspender, cotton . . . . .                                                                           | 0  | 3 | 6 |
| Ditto silk . . . . .                                                                                            | 0  | 4 | 6 |
| Ditto Arnold and Sons' improved . . . . .                                                                       | 0  | 7 | 6 |
| Arnold and Sons' Improved Suspender for irreducible<br>scrotal hernia, with shoulder straps, complete . . . . . | 1  | 1 | 0 |

## ELASTIC STOCKINGS, KNEE CAPS, ANKLETS, &c.

*Arnold and Sons' elastic goods are made with the Improved Ætherized India rubber, which is more durable than the india rubber generally supplied, and retains its elasticity a much longer period. Change of temperature or climate does not affect the Ætherized India rubber.*



FIG. 499.

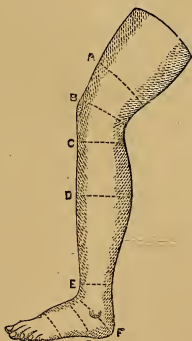


FIG. 500.

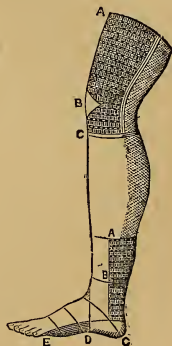


FIG. 501.

|                                                |   |   |   |   |          |    |    |   |
|------------------------------------------------|---|---|---|---|----------|----|----|---|
| Stockings, Cotton Elastic                      | . | . | . | . | per pair | £0 | 7  | 0 |
| Ditto superior                                 | . | . | . | . | ditto    | 0  | 8  | 0 |
| Ditto to lace                                  | . | . | . | . | ditto    | 0  | 14 | 0 |
| Ditto Silk Elastic                             | . | . | . | . | ditto    | 0  | 10 | 0 |
| Ditto ditto superior                           | . | . | . | . | ditto    | 0  | 12 | 6 |
| Ditto ditto extra superior                     | . | . | . | . | ditto    | 0  | 15 | 0 |
| Ditto ditto to lace                            | . | . | . | . | ditto    | 1  | 1  | 0 |
| Ditto Laced, of stout elastic and strong Jean, | . | . | . | . | ditto    | 1  | 15 | 0 |
| Ditto Spiral Elastic                           | . | . | . | . | ditto    | 1  | 14 | 0 |
| Ditto Spiral Wire Spring, to lace, Fig. 499    | . | . | . | . | ditto    | 2  | 10 | 0 |

Measurements required for Stockings—Circumference at C,D,E,F,G,H, and length C to G, Fig. 500.

|                           |                                       |                |   |   |          |    |    |   |
|---------------------------|---------------------------------------|----------------|---|---|----------|----|----|---|
| Knee-caps, Cotton Elastic | .                                     | .              | . | . | per pair | £0 | 6  | 0 |
| Ditto                     | ditto                                 | superior       | . | . | ditto    | 0  | 7  | 0 |
| Ditto                     | ditto                                 | to lace        | . | . | ditto    | 0  | 11 | 0 |
| Ditto                     | Silk Elastic                          | .              | . | . | ditto    | 0  | 8  | 0 |
| Ditto                     | ditto                                 | superior       | . | . | ditto    | 0  | 10 | 0 |
| Ditto                     | ditto                                 | extra superior | . | . | ditto    | 0  | 12 | 6 |
| Ditto                     | ditto                                 | to lace        | . | . | ditto    | 0  | 15 | 0 |
| Ditto                     | Spiral Elastic                        | .              | . | . | ditto    | 0  | 17 | 6 |
| Ditto                     | Spiral Wire Spring, to lace, Fig. 501 | .              | . | . | ditto    | 1  | 10 | 0 |

Measurements required for Knee-caps—Circumference at A,B,C, Fig. 501.

|                           |                                       |                |   |   |          |   |    |   |
|---------------------------|---------------------------------------|----------------|---|---|----------|---|----|---|
| Anklelets, Cotton Elastic | .                                     | .              | . | . | per pair | 0 | 6  | 0 |
| Ditto                     | ditto                                 | superior       | . | . | ditto    | 0 | 7  | 0 |
| Ditto                     | ditto                                 | to lace        | . | . | ditto    | 0 | 11 | 0 |
| Ditto                     | Silk Elastic                          | .              | . | . | ditto    | 0 | 7  | 0 |
| Ditto                     | ditto                                 | superior       | . | . | ditto    | 0 | 9  | 6 |
| Ditto                     | ditto                                 | extra superior | . | . | ditto    | 0 | 12 | 0 |
| Ditto                     | ditto                                 | to lace        | . | . | ditto    | 0 | 14 | 0 |
| Ditto                     | Spiral Elastic                        | .              | . | . | ditto    | 1 | 1  | 0 |
| Ditto                     | Spiral Wire Spring, to lace, Fig. 501 | .              | . | . | ditto    | 1 | 7  | 6 |

Measurements required for Anklelets—Circumference at B,C,D, and E, Fig. 501.

|                          |                             |                |   |   |          |   |    |   |
|--------------------------|-----------------------------|----------------|---|---|----------|---|----|---|
| Leggings, Cotton Elastic | .                           | .              | . | . | per pair | 0 | 5  | 6 |
| Ditto                    | ditto                       | superior       | . | . | ditto    | 0 | 6  | 6 |
| Ditto                    | ditto                       | to lace        | . | . | ditto    | 0 | 11 | 6 |
| Ditto                    | Silk Elastic                | .              | . | . | ditto    | 0 | 8  | 0 |
| Ditto                    | ditto                       | superior       | . | . | ditto    | 0 | 11 | 0 |
| Ditto                    | ditto                       | extra superior | . | . | ditto    | 0 | 13 | 6 |
| Ditto                    | ditto                       | to lace        | . | . | ditto    | 0 | 16 | 0 |
| Ditto                    | Spiral Elastic              | .              | . | . | ditto    | 1 | 10 | 0 |
| Ditto                    | Spiral Wire Spring, to lace | .              | . | . | ditto    | 1 | 17 | 6 |

Measurements required for Leggings—Circumference at C,D,E, and length from C to E, Fig. 500.

|                              |              |                |   |   |          |   |    |   |
|------------------------------|--------------|----------------|---|---|----------|---|----|---|
| Thigh-pieces, Cotton Elastic | .            | .              | . | . | per pair | 0 | 6  | 6 |
| Ditto                        | ditto        | superior       | . | . | ditto    | 0 | 7  | 6 |
| Ditto                        | ditto        | to lace        | . | . | ditto    | 0 | 13 | 0 |
| Ditto                        | Silk Elastic | .              | . | . | ditto    | 0 | 9  | 0 |
| Ditto                        | ditto        | superior       | . | . | ditto    | 0 | 15 | 0 |
| Ditto                        | ditto        | extra superior | . | . | ditto    | 1 | 1  | 0 |
| Ditto                        | ditto        | to lace        | . | . | ditto    | 1 | 1  | 0 |

Measurements required for Thigh-pieces.—Circumference round top of thigh, round middle of thigh, above knee, and length required.

## ARTIFICIAL LEGS, ARMS, &amp;c.

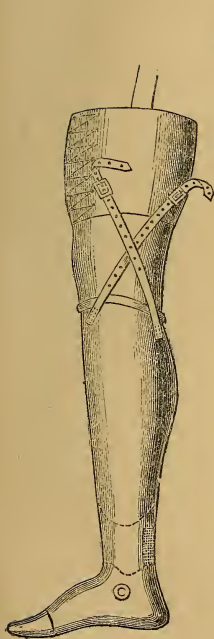


FIG. 502.

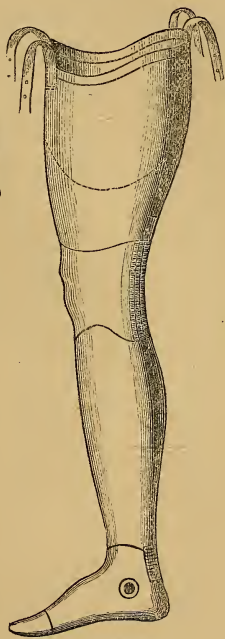


FIG. 503.

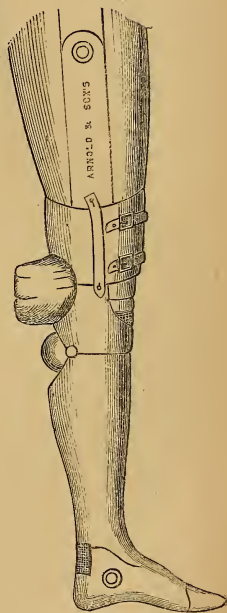


FIG. 504.

|                                                     |     |    |   |
|-----------------------------------------------------|-----|----|---|
| Artificial Leg, for amputation below knee, Fig. 502 | £10 | 10 | 0 |
| Ditto ditto covered, best                           | 15  | 15 | 0 |
| Ditto ditto best quality                            | 19  | 19 | 0 |

Measurements required for amputation below knee.—Length from crutch to centre of knee; centre of knee to ground, centre of knee to end of stump; circumference round top of thigh, round middle, round above knee, below knee, round middle of stump, and end of stump. State if right or left; a boot is required to be sent.

|                                                                    |          |
|--------------------------------------------------------------------|----------|
| Artificial Leg, for amputation above knee, Fig. 503 .              | £12 12 0 |
| Ditto ditto covered, best .                                        | 17 0 0   |
| Ditto ditto best quality .                                         | 20 0 0   |
| Artificial Leg, for kneeling, Fig. 504 .                           | 10 10 0  |
| Ditto ditto covered best .                                         | 14 14 0  |
| Ditto ditto best quality .                                         | 18 18 0  |
| Artificial Foot, for Syme's, Chopart's, or Perigoff's operations . | 7 7 0    |
| Ditto ditto ditto superior .                                       | 10 10 0  |
| Ditto ditto ditto best quality .                                   | 15 0 0   |
| Kempner's Improved Artificial Leg, for amputation below knee .     | 10 10 0  |
| Ditto ditto ditto second quality .                                 | 15 15 0  |
| Ditto ditto ditto best quality .                                   | 20 0 0   |
| Kempner's Improved Artificial Leg, for amputation above knee .     | 12 12 0  |
| Ditto ditto ditto second quality .                                 | 17 17 0  |
| Ditto ditto ditto superior quality .                               | 21 0 0   |

Measurements required for amputation above knee: length from crutch to end of stump, circumference round end, middle, and top of stump (close to crutch); the length of sound limb from crutch to centre of knee, centre of knee to ground, height from top of knee, when bent, to the ground. State if right or left the boot to be worn is required.

Extract from the *British Medical Journal*, January 14th, 1871:—"Mr. Kempner has devised an ingenious form of Artificial Leg; it is made of leather, with hinges, and is extremely light. Mr. Kempner has himself lost his leg, and necessity has been to him the mother of invention. He has taken great pains to discover the exact position at which the hinges should be placed to secure easy motion, and how the problem of combining lightness with strength might be best solved. We have seen him walk, kneel, &c., and he does so with remarkable ease and quickness, and we strongly recommend a trial of it to all who need such help."

"29, Seymour Street, W.

"Mr. Kempner has fitted an Artificial Leg to a patient whose leg I amputated at the knee-joint, and the result has certainly been most satisfactory, as I saw the patient walk with ease, unsupported by stick or crutch, a week after he had first used the leg. The principle of Mr. Kempner's Artificial Leg is simple, and the instrument is strong and durable, without being heavy.

"(Signed) CAMPBELL DE MORGAN, F.R.S.,  
"1st December, 1870." "Surgeon to the Middlesex Hospital."

Messrs. Arnold and Sons have purchased the exclusive right to manufacture the Improved form of Artificial Leg invented by Mr. Kempner, and have made special arrangements with him to superintend the manufacture thereof.

|                                                                               |        |
|-------------------------------------------------------------------------------|--------|
| Artificial Arm, with hook, ring, knife, or fork, for amputation below elbow . | 1 17 6 |
| Ditto with Arnold and Sons' Improved Spring Plate adjustable at any angle .   | 3 3 0  |





FIG. 505.

Artificial Arm, below elbow, with Hand attached, Fig.

505 . . . . . £9 9 0

Ditto . . . . . Arnold and Sons' improved,  
with spring thumb, &c., best quality . . . . . 10 10 0

Measurements required for amputation below elbow: length from axilla to end of stump; circumference above, round, and below elbow, circumference round end of stump; length of sound arm, elbow to wrist, and if right or left. When a hand is required a glove should be sent, and the outline of hand traced on paper.

Artificial Socket Arm, fitted with ring, hook, knife, or  
fork, for amputation above elbow . . . . . £2 and 3 0 0

Ditto . . . . . Arnold and Sons' Improved, with  
adjustable elbow-joint, and ring, knife, or fork attached  
£5 5s. and 6 6 0



FIG. 506.

Artificial Arm, for amputation above elbow, with Hand  
attached, Fig. 506 . . . . . 12 12 0

Ditto . . . . . Arnold and Sons' improved,  
with spring thumb, &c., best quality . . . . . 15 15 0

Instruments for above extra.

Measurements required for amputation above elbow: length from elbow to end of stump, circumference round end, middle, and upper part of stump; length of sound arm from axilla to elbow, from elbow to wrist; if right or left. When a hand is required a glove should be sent, and the outline of hand traced on paper.

Artificial Eyes, best quality . . . . . 1 10 0

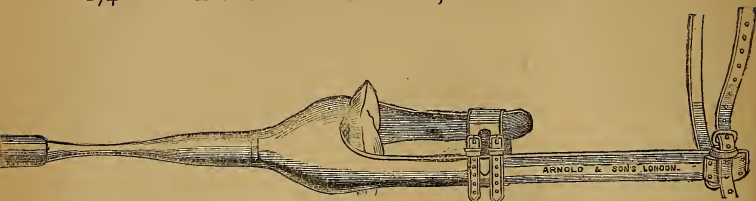


FIG. 507.

|                                                     |    |    |   |
|-----------------------------------------------------|----|----|---|
| Wooden Pin Leg, for amputation below knee, Fig. 507 | £1 | 0  | 0 |
| Ditto ditto best quality                            | 1  | 5  | 0 |
| Ditto ditto with leg rest                           | 1  | 10 | 0 |

Measurements required.—Length from crutch to ground. Diameter of knee when bent. Diameter at top of thigh. Length from under the knee (when bent) to the ground, and whether right or left.



FIG. 508.

|                                                |   |    |   |
|------------------------------------------------|---|----|---|
| Socket Leg for amputation above knee, Fig. 508 | 1 | 10 | 0 |
| Ditto ditto best quality                       | 1 | 15 | 0 |
| Ditto ditto the socket of leather              | 1 | 15 | 0 |
| Ditto ditto best quality                       | 2 | 2  | 0 |

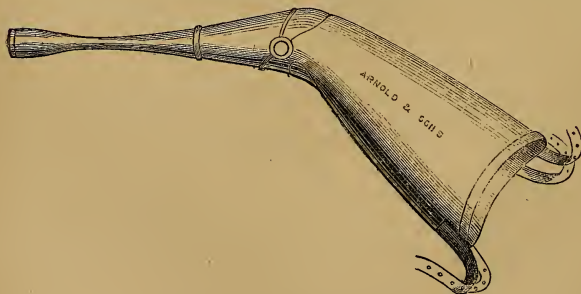


FIG. 509.

Socket Leg, Arnold and Sons' improved, for amputation above knee, with improved kneeling joint, Fig.

|               |           |   |   |   |
|---------------|-----------|---|---|---|
| 509 . . . . . | £4 4s. to | 5 | 5 | 0 |
|---------------|-----------|---|---|---|

Measurements required for amputation above knee.—Length from crutch to ground. Crutch to end of stump. Circumference round top of thigh, round middle of stump, round end of stump. Whether for right or left.

## DEFORMITY INSTRUMENTS.

TESTIMONIAL FROM RICHARD DAVY, Esq.

33, Welbeck Street,  
Cavendish Square, London, W.;  
*January 30th, 1875.*

I have much pleasure in bearing testimony from personal observation to the mechanical talent and business-like habits of Messrs. Arnold and Sons. These instrument makers have carried out much original work for me, and from practical experience I do their firm but justice in praising their workmanship, advanced skill, and politeness.

RICHARD DAVY, F.R.C.S.,  
Surgeon to the Westminster Hospital and to the  
Surgical Aid Society, London.



FIG. 510.

Spinal Support for inward curvature, Fig. 510, £3 10s. to 6 6 0

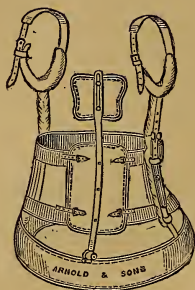


FIG. 511.

Spinal Support for outward or angular curvature, Fig. 511

£4 4s. to 8 8 0

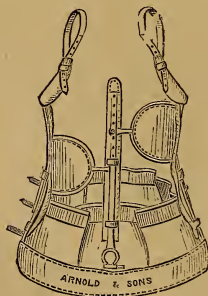


FIG. 512.

Spinal Support for double lateral curvature, Fig. 512

£4 4s. to 8 8 0

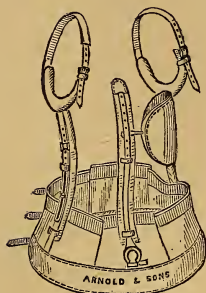


FIG. 513.

Spinal Support for lateral curvature, Fig. 513 £4 4s. to £7 7 0



FIG. 514.

Spinal Support for slight curvature, Fig. 514 . £4 4s. to 6 6 0

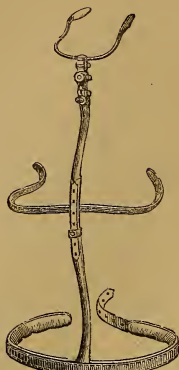


FIG. 515.

Wry Neck Apparatus, Fig. 515 . . . £5 5s. to £10 10 0

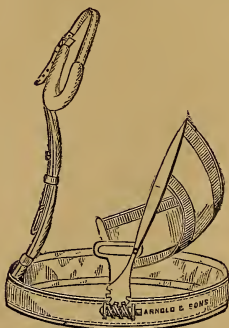


FIG. 516.

|                                             |       |             |        |
|---------------------------------------------|-------|-------------|--------|
| Lonsdale's Spinal Apparatus, Fig. 516       | . . . | £4 4s. to   | 6 6 0  |
| Scarpa's Shoe, single cog-joint             | . . . |             | 1 15 0 |
| Ditto double ditto                          | . . . |             | 2 2 0  |
| Ditto tin covered wash leather for children | . . . |             | 0 5 0  |
| Little's Instrument for Club Foot           | . . . | £1 10s. and | 2 2 0  |

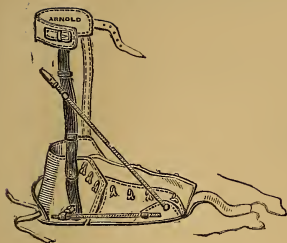


FIG. 517.

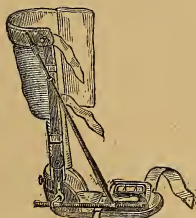


FIG. 518.

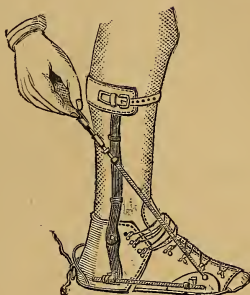


FIG. 519

|                                                         |                  |
|---------------------------------------------------------|------------------|
| Instrument for Talipes, by Mr. Richard Davy, Figs. 517, |                  |
| 518, 519                                                | £2 2s. to £3 3 0 |
| Adams' Instrument for Club Foot, Improved.              | 2 2 0            |



FIG. 520.

|                                                 |                   |
|-------------------------------------------------|-------------------|
| Double steel support and boot to knee, Fig. 520 |                   |
|                                                 | £1 15s. to 2 10 0 |





FIG. 521.

Single steel support and boot to knee for children, Fig.

521 . . . . . £1 10 to £2 10 0

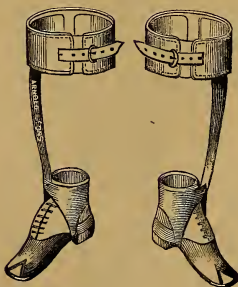


FIG. 522.

FIG. 523.

Single steel outside supports and boots to knees, Figs. 522  
and 523 . . . . .

50s. to 3 10 0

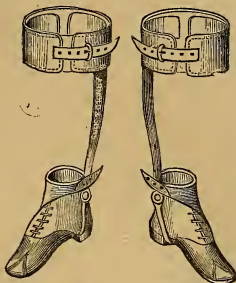


FIG. 524.

FIG. 525.

Single steel inside supports and boots to knees, Figs. 524  
and 525 . . . . . 50s. to £3 10 0



FIG. 526.

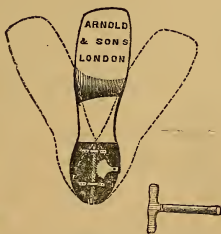


FIG. 527.



FIG. 528.

Improved Walking Boot for Talipes, by Mr. Richard Davy,  
Figs. 526, 527, and 528 . . . . . £2 2s. to 3 3 0

Extract from the 'British Medical Journal,' May 17th, 1873:—"In the after treatment of talipes varus and valgus, having so far rectified the distortion as to be able to dismiss the further use of the shoe, figured in the 'British Medical Journal,' November 16th, 1872 (page 548), I have found the employment of the following boot most useful. The mechanism for maintaining the needful inversion or eversion of the anterior part of the foot is placed completely in the block of leather at the heel; a small aperture at the point where the spur box is placed admits the key for the movement. Any dirt is prevented from entering by the circularity of the leather, corresponding to the shape of the steel rod.

"The boot has been most carefully manufactured for me by Messrs. Arnold and Sons, 35, West Smithfield, and is well represented in the diagram. Fig. 528 shows the concealed screw and pinion movement, and the aperture at the heel for insertion and rotation of the key."

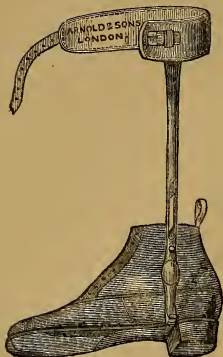


FIG. 529.

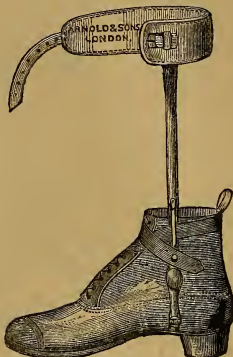


FIG. 530.

Valgus Boot with hinge-joint at sole, by Mr. R. Davy,

Figs. 529 and 530 . . . . . £1 16s. to £2 10 0

Extract from 'New Inventions in Surgical Mechanism':—"The two engravings show a form of hinge at the sole plate which I have found to be of the utmost service in treating these simple varus or valgus cases. By placing the leg iron to the outer or inner side of the foot, the broad strap (through the medium of the hinge at the foot plate) inverts or everts the sole. Messrs. Arnold and Son make this boot, and it has proved to be one of the most useful additions to orthopædic mechanisms."

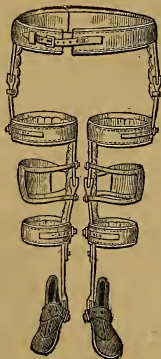


FIG. 531.

Leg Irons for outward curvature, plain, Fig. 531

|       |       |        |            |   |   |   |
|-------|-------|--------|------------|---|---|---|
| Ditto | ditto | best . | £4 4s. and | 5 | 5 | 0 |
|       |       |        | £5 5s. and | 6 | 6 | 0 |

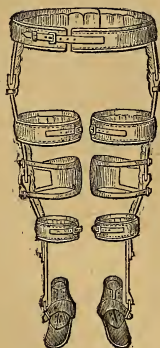


FIG. 532.

Leg Irons for inward curvature, plain, per pair, Fig. 532

£4 4s. and £5 5 0

Ditto ditto best . £5 5s. and 6 6 0



FIG. 533.

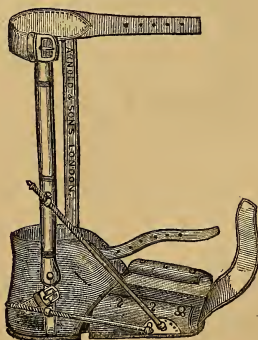


FIG. 534.

Improved instrument for talipes, &c., by Mr. Richard

Davy, Figs. 533 and 534 . . . £2 2s. to 3 3 0

Extract from 'British Medical Journal,' November 16th, 1872:—"I must also express my obligations to Mr. Arnold, of Smithfield, for his great attention to

detail in manufacturing these instruments, which he will show to any surgeon interested in such appliances. Fig. 533 shows the instrument applied to the foot and leg. Fig. 534 shows the boot when removed. The double irons up the leg and footpiece joined to them by hinges at the ankle are as generally made. These irons are fastened by straps in young children below the knee, but in infants above the knee, in order that a better purchase may be gained. The circular joint at the sole of the foot corresponds to the situation of the astragalo-scaphoid and calcaneo-cuboid articulations. Two screws (as shown in plate) cause (1) the dorsum of the foot to be drawn towards the leg; (2) the anterior part of the foot to be everted or inverted at pleasure. By placing these screws on the inner or the outer aspect of the leg, talipes valgus or varus may be respectively treated."

Extract from 'New Inventions in Surgical Mechanisms':—"Surgeons treating the various forms of talipes amongst out-patients have been much disappointed at results obtained by the use of the ordinary Scarpas' shoes. I find the screw movements irregular, and especially useless at the very time when most required—viz. at the later periods of treatment, because the screws have reached their maximum range of action."

Measurements required for leg instruments: circumference round pelvis, thigh, knee, calf, and ankle; length from hip to knee-joint, knee to ankle, and ankle to ground; if for both legs, or which leg if only one instrument be required, and whether outward or inward curvature.

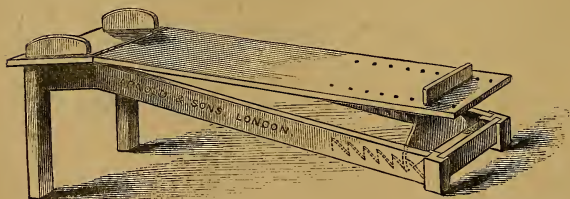


FIG. 535.

Arnold and Sons' Improved Reclining Board for spinal curvature, Fig. 535 . . . . . £4 4s. to £10 10 0

## CRUTCHES, ARM SLINGS, &amp;c.



FIG. 536.



FIG. 537.



FIG. 538.



FIG. 539.

|                                                    |    |    |   |
|----------------------------------------------------|----|----|---|
| Common Hospital Crutches, per pair . . .           | £0 | 3  | 0 |
| Black Crutches, with padded heads . . .            | 0  | 10 | 0 |
| French Crutches, with padded heads, Fig. 539 . . . | 1  | 1  | 0 |
| Best Crutches, with elliptic heads, Fig. 538 . . . | 1  | 15 | 0 |
| Spring Crutches, single spring, Fig. 537 . . .     | 2  | 2  | 0 |
| Ditto double springs, Fig. 536 . . .               | 2  | 10 | 0 |

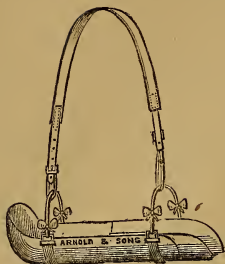


FIG. 540.



FIG. 541.

|                                                                        |       |         |
|------------------------------------------------------------------------|-------|---------|
| Arm Sling, Black Leather, plain, Fig. 541                              | . . . | £0 10 0 |
| Ditto ditto in patent leather                                          | . . . | 0 14 0  |
| Ditto ditto ditto sliding, Fig. 540                                    | . . . | 1 1 0   |
| Ditto Children's, plain, Fig. 541                                      | . . . | 0 8 0   |
| Ditto ditto patent leather                                             | . . . | 0 10 6  |
| Ditto ditto sliding, Fig. 540                                          | . . . | 0 16 0  |
| Ditto Arnolds' Improved, woven wire, covered silk, very cool and light | . . . | 1 1 0   |
| Ditto children's                                                       | . . . | 0 16 0  |
| Invalid Walking Sticks                                                 | . . . | 0 10 0  |

## SPLINTS.

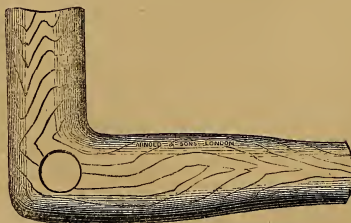


FIG. 542.

|                                |       |          |        |
|--------------------------------|-------|----------|--------|
| Arm Splints, Angular, Fig. 542 | . . . | per pair | 0 8 0  |
| Ditto jointed                  | . . . | ditto    | 0 11 0 |



|                                                         |          |   |     |
|---------------------------------------------------------|----------|---|-----|
| Arm Splints, Perforated Zinc, three pairs to the set    | £1       | 1 | 0   |
| Ditto Liston's, with regulating screw, padded, complete | 14s. and | 1 | 0 0 |

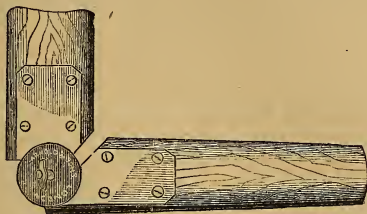


FIG. 543.

|                                                                                       |            |   |    |   |
|---------------------------------------------------------------------------------------|------------|---|----|---|
| Arm Splint Hinged, Arnold and Sons' Improved, with adjustable set screw, Fig. 543     | each       | 0 | 5  | 6 |
| Ditto Pott's Hollow                                                                   | per set    | 0 | 7  | 6 |
| Ditto ditto with pads, complete                                                       |            | 0 | 15 | 0 |
| Army Splint                                                                           |            | 2 | 2  | 0 |
| Bloxam's Fracture Splint                                                              |            | 2 | 10 | 0 |
| Bryant's Club Foot Splint                                                             |            | 0 | 17 | 6 |
| Callender's modification of Mason's Splint for excision of the elbow, with hand piece | 16s., 21s. | 1 | 5  | 0 |

This splint allows the movements of flexion, extension, pronation, and supination, and is so arranged as to suit either arm, right or left.

|                                                |          |   |    |   |
|------------------------------------------------|----------|---|----|---|
| Common lined Splints, eight pairs to the set   |          | 0 | 3  | 6 |
| Children's ditto ditto                         |          | 0 | 3  | 0 |
| Crimean padded Splints, per set of three pairs |          | 0 | 10 | 6 |
| Dessault's Long Splints                        | per pair | 0 | 12 | 6 |
| Dupuytren's Splint                             |          | 0 | 2  | 0 |
| Elbow Splints                                  | per pair | 0 | 8  | 0 |

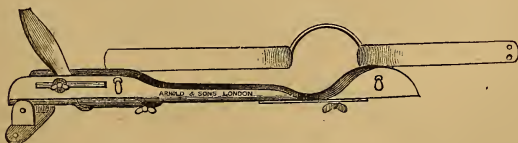


FIG. 544.

|                                                                                 |  |   |    |   |
|---------------------------------------------------------------------------------|--|---|----|---|
| Fergusson's Excision Splint, with interrupted wooden splint, complete, Fig. 544 |  | 1 | 10 | 0 |
|---------------------------------------------------------------------------------|--|---|----|---|

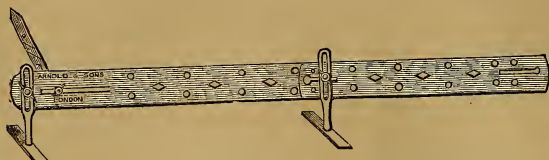


FIG. 545.

|                                                                  |                  |
|------------------------------------------------------------------|------------------|
| Fergusson's Leg Splint, Fig. 545 . . . . .                       | 40s. and £2 10 0 |
| Finger Splints, perforated zinc, 6 pairs in set . . . . .        | per set 0 7 6    |
| Gooch's Splintage, 18 x 22, lined with American cloth, . . . . . | per sheet 0 8 6  |
| Gordon's Splints for fractured radius, right and left . . . . .  | per set 0 10 0   |
| Hand and Arm Splints, Pemberton's . . . . .                      | per pair 0 8 0   |
| Hand Splint, Hawkin's Hollow . . . . .                           | 0 3 0            |



FIG. 546.

|                                                                |                 |
|----------------------------------------------------------------|-----------------|
| Heath's Splint for excision of elbow joint, Fig. 546 . . . . . | 1 1 0           |
| Hide's Felt and Liquid for Splints . . . . .                   | per yard 0 12 0 |
| Interrupted Splint, Hilton's, for diseased hip . . . . .       | 0 12 0          |



FIG. 547.

|                                                                  |        |
|------------------------------------------------------------------|--------|
| Interrupted Splint for excision of hip-joint, Fig. 547 . . . . . | 0 18 0 |
|------------------------------------------------------------------|--------|



FIG. 548.

|                                                   |             |
|---------------------------------------------------|-------------|
| Knee Splint with screw action, Fig. 548 . . . . . | 1 1 0       |
| Lawrence's Iron Back Splints, 3 sizes . . . . .   | each 0 10 6 |



FIG. 549.

|                                                                                       |                 |         |
|---------------------------------------------------------------------------------------|-----------------|---------|
| Leg Splints, Cline's, with feet, three pairs each, right and left, Fig. 549 . . . . . | per set         | £0 18 0 |
| Ditto ditto ditto padded, complete . . . . .                                          | 1 10 0          |         |
| Ditto ditto . . . . .                                                                 | per single pair | 0 3 6   |
| Ditto ditto Iron, with feet, three pairs each, right and left . . . . .               | per set         | 0 18 0  |
| Ditto ditto ditto padded, complete . . . . .                                          | 1 10 0          |         |
| Ditto ditto Perforated Zinc, three sizes, per pair . . . . .                          | 0 7 6           |         |
| Liston's Iron Fracture Splint, with whole thigh and leg pieces, complete . . . . .    | 2 0 0           |         |
| Ditto Fracture Splints, small . . . . .                                               | 1 1 0           |         |
| Ditto ditto medium . . . . .                                                          | 1 4 0           |         |
| Ditto ditto large . . . . .                                                           | 1 5 0           |         |
| Ditto ditto for children . . . . .                                                    | 0 18 0          |         |
| Ditto ditto with shifting thigh piece . . . . .                                       | 1 12 6          |         |
| Set of pads for ditto . . . . .                                                       | 5s. to          | 0 10 0  |
| Liston's Iron Knee Splints, with extending screw . . . . .                            | 0 14 0          |         |
| Ditto ditto ditto improved . . . . .                                                  | 1 1 0           |         |

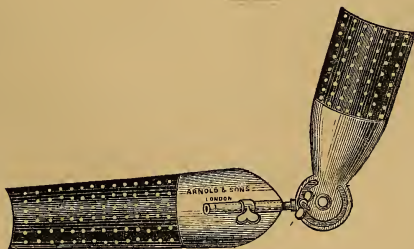


FIG. 550.

Mason's Splint for excision of the elbow, Fig. 550

|                                                     |             |        |
|-----------------------------------------------------|-------------|--------|
|                                                     | 15s., 20s., | 1 5 0  |
| McIntyre's Fracture Splint, complete . . . . .      |             | 2 5 0  |
| Nathan Smith's Extension Splint, complete . . . . . | £1 15s. and | 2 2 0  |
| Nelaton's Radius Splint . . . . .                   | per pair    | 0 2 0  |
| Neville's Iron Splint, three sizes . . . . .        | each        | 0 10 6 |

|                                                                                |          |    |    |   |
|--------------------------------------------------------------------------------|----------|----|----|---|
| Perforated Zinc Splints, with elbow-joint, three sizes                         | per pair | £0 | 8  | 0 |
| Perineal Bandage with india rubber inflated pad, complete                      |          | 0  | 10 | 6 |
| Price's modification of McIntyre's Splint for excision of knee-joint . . . . . |          | 1  | 10 | 0 |

*Vide* p. 864, 1st edition, Bryant's Book.

|                              |         |   |   |   |
|------------------------------|---------|---|---|---|
| Ratan Cane Splints . . . . . | per set | 0 | 7 | 6 |
|------------------------------|---------|---|---|---|

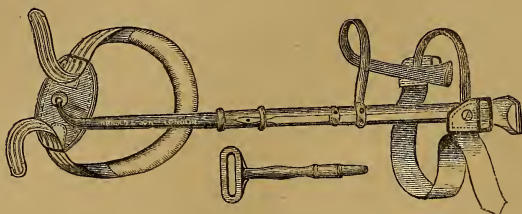
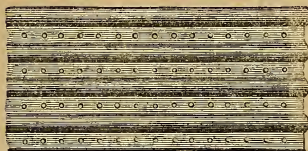


FIG. 551.

|                                                          |       |   |    |   |
|----------------------------------------------------------|-------|---|----|---|
| Sayre's American Splint, for diseased hip, 3 sizes, each |       |   |    |   |
| ( <i>vide</i> 'Lancet'), Fig. 551 . . . . .              | 50s., | 2 | 15 | 0 |
| Skeleton Splint, American Wire . . . . .                 |       | 0 | 9  | 0 |
| Ditto ditto with pulleys, rope, &c., complete . . . . .  |       | 1 | 1  | 0 |
| Thigh Splint, Bulley's, complete . . . . .               |       | 2 | 5  | 0 |
| Ditto Busk's . . . . .                                   |       | 1 | 5  | 0 |

This Splint, having knee and hip-joints, admits of the patient being placed in any required position.

|                                                          |          |   |    |   |
|----------------------------------------------------------|----------|---|----|---|
| Thigh Splints, Cline's . . . . .                         | per set  | 0 | 12 | 0 |
| Ditto with pads, complete . . . . .                      |          | 1 | 2  | 6 |
| Ditto Liston's, six different lengths, per set . . . . . |          | 0 | 10 | 6 |
| Ditto ditto with pads, complete . . . . .                |          | 0 | 16 | 6 |
| Wooden Side Splints . . . . .                            | per doz. | 0 | 15 | 0 |
| Humerus Splint . . . . .                                 |          | 1 | 5  | 0 |

PATENT N<sup>o</sup> 2516.

ARNOLD &amp; SONS LONDON

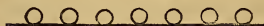


FIG. 552.

Improved Patent Waterproof Padding for Splints, suggested by Mr. Richard Davy,  $36 \times 18$  . per lb. £0 9 0

The sheets can be cut to any required size, and are always clean and ready for use. Solidity can be readily given to the pad by inserting in the parallel tubes soft metal wires or common canes, and then a glue or starch bandage superimposed.

Extract from the 'British Medical Journal,' October 11th, 1873.—"I have used this pad for the last two months in the wards of Westminster Hospital, and am much pleased with its advantages."

Extract from the 'Lancet,' September 27th, 1873.—Such a form of mechanism is admirably fitted for treating simple fractures of the lower extremities in children."

Extract from 'Med. Times and Gaz.,' September 20th, 1873.—"We have received from Messrs. Arnold and Sons, of West Smithfield, a specimen of india-rubber padding for splints, which we think will prove worthy the attention of surgeons."

Extract from 'Med. Press and Circular,' October 8th, 1873.—We hope that surgeons will make use of it. No complaint has ever been made of its irritating the skin or interfering with the progress of repair."

Extract from 'New Inventions in Surgical Mechanisms.'—"I have constantly made use of this splintage in hospital practice in seven cases of resection of the knee, a simple fractured thigh, a morbus coxa, &c., and I recommend its use to all surgeons with confidence. It is manufactured by Messrs. Arnold and Sons, 35 and 36, West Smithfield."

## FRACTURE CRADLES.

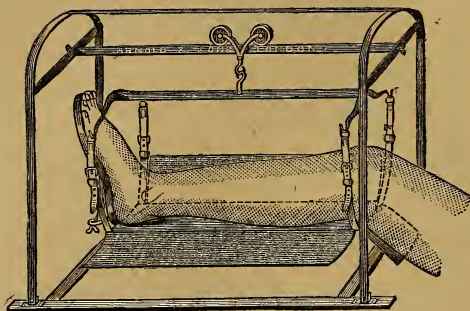


FIG. 553.

Greenslade's Fracture Cradle and Splint, complete in  
 Wooden Case, Fig. 553 . . . . . £4 0 0

Extract from 'Medical Times and Gazette,' May 31st, 1873.—"Its peculiar advantages over appliances for a like use are:—Bandages are almost entirely dispensed with; splints are attached by hinges, thereby allowing one side of the leg to be readily examined without in any way interfering with the other side, the limb remaining suspended in the cradle by four straps, so arranged as to entirely obviate unslinging it when dressing is required—a process hitherto productive of pain and inconvenience to the patient. He can also freely move in bed without in any way endangering the safety of the leg. The footpiece is supported by a screw and nut, and can be adjusted to any angle with great facility. The splints, being made of perforated zinc, are much more agreeable to the patient, on account of their being cooler and lighter than solid wood."

"Messrs. Arnold and Sons, of 35 and 36, West Smithfield, are manufacturing them in a very portable form, being so constructed as to allow of the whole apparatus being taken to pieces in five minutes and packed in a very small compass. This invention can be strongly recommended, from its occupying such a small space; and the short time required in fixing will prove a boon, especially to country practitioners, as it can easily be placed under the seat of any carriage."

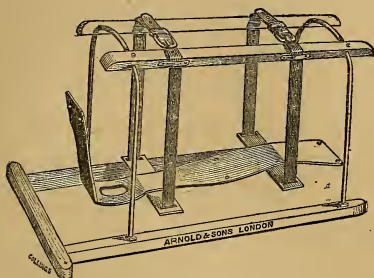


FIG. 554.

|                                                                                                                                                                    |    |    |   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|---|
| Lawrence's Fracture Cradle, with three pairs wood side splints, three Neville's splints, and two strong leather supporting straps with buckles, complete, Fig. 554 | £2 | 15 | 0 |
| Sir A. Cooper's Fracture Cradle . . . . .                                                                                                                          | 3  | 0  | 0 |
| Greenway's Improved Swing Cradle, allowing the patient to move with ease and comfort in any position, and adapted to fit any bedstead . . . . .                    | 4  | 0  | 0 |

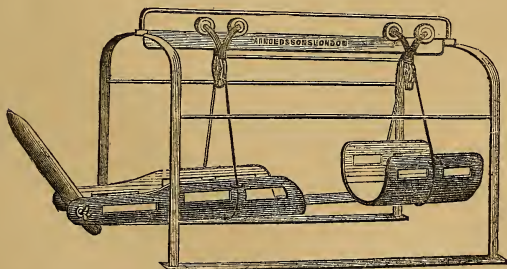


FIG. 555.

Furner's Fracture and Cradle Splint, complete, Fig. 555 . 3 10 0

As used at St. Bartholomew's Hospital.



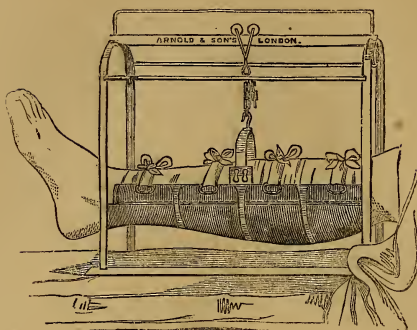


FIG. 556.

|                                                                              |         |
|------------------------------------------------------------------------------|---------|
| Salter's Fracture Cradle . . . . .                                           | £1 15 0 |
| Ditto ditto portable, to fold, Fig. 556 . . . . .                            | 2 2 0   |
| Ditto Splint for ditto . . . . .                                             | 0 12 0  |
| Luke's Fracture Cradle, with arm, thigh, and leg splints, complete . . . . . | 3 3 0   |

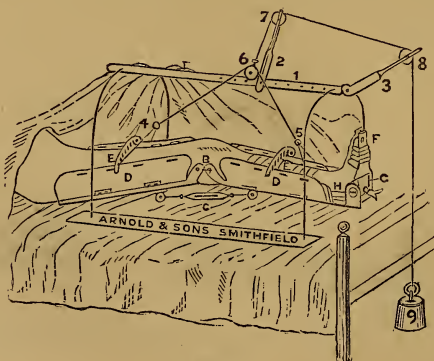


FIG. 557.

|                                                                                 |        |
|---------------------------------------------------------------------------------|--------|
| Bloxam's New Extension Splint and Fracture Cradle, complete, Fig. 557 . . . . . | 4 0 0  |
| Blower's Portable Cradle, for leg or body . . . . .                             | 0 10 6 |

|                                                        |    |   |   |
|--------------------------------------------------------|----|---|---|
| Amesbury's Apparatus for Fracture of Lower Extremities | £4 | 4 | 0 |
| Fracture Cradle for removing pressure of bedclothes    | 0  | 6 | 6 |
| Ditto ditto large                                      | 0  | 8 | 6 |
| Sir W. Fergusson's Splint for Fractured Patella        | 1  | 4 | 0 |

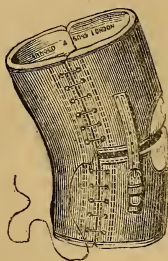


FIG. 558.

|                                                                          |   |   |   |
|--------------------------------------------------------------------------|---|---|---|
| Patella Bandage of solid leather, Fig. 558                               | 1 | 1 | 0 |
| Parnell's Apparatus, with cog and pinion movement, for Fractured Patella | 2 | 2 | 0 |

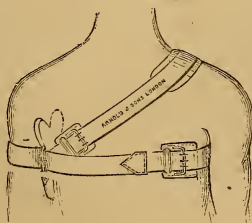


FIG. 559.

|                                                 |             |   |    |   |
|-------------------------------------------------|-------------|---|----|---|
| Ellis's Splint for Fractured Clavicle, Fig. 559 | 15s., 17s., | 1 | 1  | 0 |
| Bradser's Bandage ditto                         |             | 0 | 10 | 6 |
| Prepared Leather for Splints                    | per lb.     | 0 | 4  | 0 |
| Ditto Gutta Percha ditto                        | ditto       | 0 | 5  | 6 |
| Millboard for Starch Bandage Splints            | per sheet   | 0 | 2  | 0 |

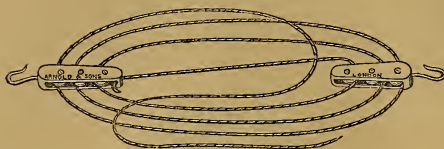


FIG. 560.

Set of Dislocation Pulleys, with hooks and cord, Fig. 560 £1 1 0  
 Straps and Bandages for ditto, for thigh and arms . . . 1 10 0

### Cocking's Patent Poroplastic Sheets for Splints.

"It is light, porous, flexible, plastic, and economical—is made in all required strength and sizes. It consists of a felted substance in sheets, is plastic when softened by heat, and becomes rigid when cold, and can be resoftened any number of times without injury; it is rapidly and easily cut to any shape and manipulated, the most difficult splint requiring but a few minutes to complete—is very well adapted for separate metal attachments, and is thus a very valuable material for interrupted splint. There is no glue used in its application, and the gums with which it is stiffened are quite harmless."—Vide *Lancet*, September 16th, 1871; *British Medical Journal*, September 23rd, 1871; *Medical Press and Circular*, September 27th, 1871.

Hospital quality, at 4s. per lb.

Substances made—about 1-8 in.,  
 3-16 in., 5-16 in.

Medium quality, at 6s. 6d. per lb.

Substances made—about 1-8 in.,  
 3-16 in.

Finest quality, at 10s. 6d. per lb.

Substances made—about 1-8 in.,  
 3-16 in.

|   |                   |                |
|---|-------------------|----------------|
| { | Size of Sheet—    | 4 ft. × 3 ft.  |
|   | „ $\frac{1}{2}$ „ | 2 ft. × 3 ft.  |
|   | „ $\frac{1}{4}$ „ | 2 ft. × 1½ ft. |
| { | Size of Sheet—    | 4 ft. × 3 ft.  |
|   | „ $\frac{1}{2}$ „ | 2 ft. × 3 ft.  |
|   | „ $\frac{1}{4}$ „ | 2 ft. × 1½ ft. |
| { | Size of Sheet—    | 4 ft. × 3 ft.  |
|   | „ $\frac{1}{2}$ „ | 2 ft. × 3 ft.  |
|   | „ $\frac{1}{4}$ „ | 2 ft. × 1½ ft. |

## BANDAGES OF CALICO, INDIA RUBBER, &amp;c.

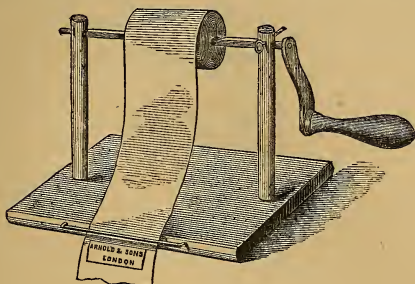


FIG. 561.

|                                                                    |          |    |      |
|--------------------------------------------------------------------|----------|----|------|
| Arnold and Sons' Improved Bandage Winder, Fig. 561                 | £0       | 5  | 0    |
| Ditto ditto on mahogany stand                                      | 0        | 10 | 6    |
| Calico Roller Bandage, open wove, 2½ inches wide, 6 yards long     | per doz. | 0  | 6 6  |
| Ditto ditto 3 inches wide, 6 yards long                            | ditto    | 0  | 7 0  |
| Domett Bandages, 6 yards long                                      | ditto    | 0  | 10 0 |
| Eighteen tailed Bandages                                           | ditto    | 0  | 18 0 |
| Elastic Cotton net Bandages, 2 inches wide, per doz. yards         |          | 0  | 3 0  |
| Ditto ditto 2½ ditto ditto                                         | ditto    | 0  | 3 6  |
| Ditto ditto 3 ditto ditto                                          | ditto    | 0  | 4 0  |
| Ditto ditto 3½ ditto ditto                                         | ditto    | 0  | 4 6  |
| Ditto ditto 4 ditto ditto                                          | ditto    | 0  | 5 0  |
| Flannel Roller Bandages                                            | per doz. | 1  | 5 0  |
| Ditto thin                                                         | ditto    | 0  | 8 0  |
| India-rubber Cotton Bandage 2 inches wide                          | per yard | 0  | 1 3  |
| Ditto ditto 2½ ditto                                               | ditto    | 0  | 1 8  |
| Linen Bandages                                                     | per doz. | 1  | 0 0  |
| Lithotomy Bandages, Calico                                         | ditto    | 0  | 6 6  |
| Ditto Flannel                                                      | ditto    | 1  | 0 0  |
| Mulloney's Patent Bandages, 2½ inches wide (6 yards)               | ditto    | 0  | 12 0 |
| Ditto ditto 3 ditto                                                | ditto    | 0  | 13 0 |
| Sir B. Brodie's fine elastic cotton net Bandage, per yard 4d., and |          | 0  | 0 6  |
| T Bandages                                                         | per doz. | 0  | 15 0 |
| Unbleached Calico, Roller Bandages, 4 yards                        | ditto    | 0  | 5 0  |
| Ditto ditto 6 ditto                                                | ditto    | 0  | 6 6  |
| Ditto ditto 9 ditto                                                | ditto    | 0  | 8 6  |
| Ditto ditto 12 ditto                                               | ditto    | 0  | 12 0 |
| Ditto ditto extra width, 6 yards                                   | ditto    | 0  | 10 6 |
| Water-dressing Bandages                                            | ditto    | 0  | 6 0  |

# URINALS, INDIA RUBBER, FOR INVALIDS, TRAVELLERS, &c.



FIG. 562.

|                                                                          |         |
|--------------------------------------------------------------------------|---------|
| Male Urinal for day use, plain india rubber . . . . .                    | £0 10 0 |
| Ditto     Arnold and Sons' improved, best quality,<br>Fig. 562 . . . . . | 0 14 0  |

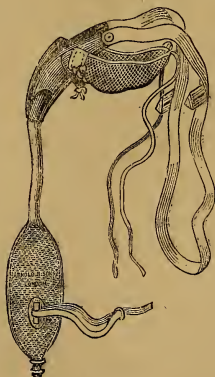


FIG. 563.

|                                                                          |        |
|--------------------------------------------------------------------------|--------|
| Male Urinal for night use, plain india rubber . . . . .                  | 0 11 6 |
| Ditto     Arnold and Sons' improved, best quality,<br>Fig. 563 . . . . . | 0 15 0 |

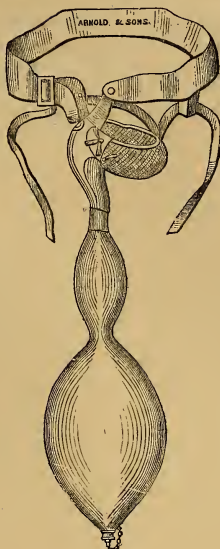


FIG. 564.

|                                                 |         |
|-------------------------------------------------|---------|
| Male Urinal for day and night use, plain rubber | £0 12 6 |
| Ditto Arnold and Sons' improved, best quality,  |         |
| Fig. 564                                        | 0 16 0  |



FIG. 565.

|                                                |        |
|------------------------------------------------|--------|
| Female Urinal for day use, plain india rubber  | 0 10 6 |
| Ditto Arnold and Sons' improved, best quality, |        |
| Fig. 565                                       | 0 15 0 |

|                                                                                                    |    |    |   |
|----------------------------------------------------------------------------------------------------|----|----|---|
| Female Urinal for night use, plain india rubber . . . . .                                          | £0 | 12 | 6 |
| Ditto      Arnold and Sons' improved, best quality . . . . .                                       | 0  | 16 | 6 |
| Improved Truss Spring Urinal for bed use, by Dr. Harvey<br>Hilliard registered, No. 2584 . . . . . | 1  | 1  | 0 |

This urinal adapts itself to the parts in a bed-ridden subject by means of a spring in such a manner that the escape of urine on to the bed-clothes is prevented.

|                              |   |   |   |
|------------------------------|---|---|---|
| Earthenware Urinal . . . . . | 0 | 3 | 0 |
| Glass Urinal . . . . .       | 0 | 2 | 0 |
| Pewter Urinal . . . . .      | 0 | 5 | 0 |

The best quality of Urinals are all made of specially prepared Etherised India Rubber, which resists the action of urine a much longer period; they are likewise fitted with Arnold and Sons' Improved Valves, which render it impossible for the urine to return in whatever position the patient may be.



## HYPODERMIC SYRINGES.



FIG. 566.



FIG. 567.

|                                                                                                  |   |    |   |
|--------------------------------------------------------------------------------------------------|---|----|---|
| Hypodermic Syringe, with plain piston and plated mounts,<br>in case, Figs. 566 and 567 . . . . . | 0 | 12 | 6 |
| Ditto      with one gold and one steel pipe . . . . .                                            | 0 | 15 | 0 |



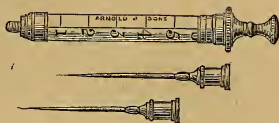


FIG. 568.

|                                                                                                            |    |    |   |
|------------------------------------------------------------------------------------------------------------|----|----|---|
| Arnold and Sons' Improved Portable Hypodermic Syringe<br>with two platina pipes, in morocco case, Fig. 568 | £0 | 15 | 0 |
| Dr. Ellis's Improved Hypodermic Syringe, solid silver<br>barrel, with two pipes, in case                   | 2  | 2  | 0 |
| Ditto plated                                                                                               | 1  | 5  | 0 |

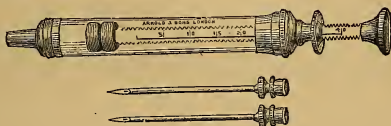


FIG. 569.

|                                                                                     |   |    |   |
|-------------------------------------------------------------------------------------|---|----|---|
| Improved Hypodermic Syringe, with both screw and plain<br>action, in case, Fig. 569 | 0 | 17 | 6 |
| Ditto ditto with conical plunger, two<br>platina pipes, in case                     | 1 | 1  | 0 |

To the plunger is attached a conical point secured by a screw to the piston rod; upon screwing the rod the conical point is drawn upwards and presses against the plunger.



FIG. 570.

|                                                               |   |    |   |
|---------------------------------------------------------------|---|----|---|
| Buzzard's Hypodermic Syringe, with trocar point, Fig. 570     | 0 | 12 | 6 |
| Ditto ditto in case                                           | 0 | 15 | 0 |
| Ditto ditto with cut-glass stopped<br>bottle, in morocco case | 0 | 16 | 6 |

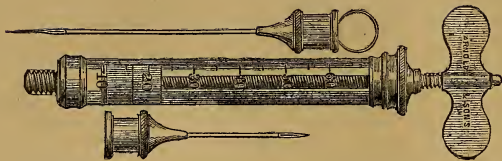


FIG. 571.

|                                                                                                                                              |         |
|----------------------------------------------------------------------------------------------------------------------------------------------|---------|
| Pravaz's Hypodermic Syringe, mounted in silver, with screw piston rod, two fine gold pipes, &c., in morocco leather case, Fig. 571 . . . . . | £1 15 0 |
| Ditto ditto plated mountings . . . . .                                                                                                       | 1 0 0   |
| Wood's Hypodermic Syringe, with one steel and one gold pipe, in morocco case . . . . .                                                       | 0 15 0  |



FIG. 572.

|                                                                                                                                                |       |
|------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| Arnold and Sons' Improved Hypodermic set, consisting of Syringe, 2 Platina Pipes, Stoppered Bottle in plated case, complete, Fig 572 . . . . . | 1 1 0 |
|------------------------------------------------------------------------------------------------------------------------------------------------|-------|

This instrument is extremely portable, and so constructed that it can be carried easily in the waistcoat pocket or in the pocket case.



FIG. 573.



FIG. 574.

Arnold and Sons' Improved Self-acting Hypodermic Syringe, complete in case, *vide* 'Lancet'

Figs. 573 and 574 2 2 0

This instrument possesses many advantages over the ordinary syringe as it punctures and injects the fluid simultaneously by simply releasing the trigger (*vide* 'Lancet').



FIG. 575.



FIG. 576.

|                                                                                                       |    |    |   |
|-------------------------------------------------------------------------------------------------------|----|----|---|
| Dr. Broadbent's Tumour Syringe, with screw piston and two long pipes, in morocco case, Fig. 575 . . . | £1 | 5  | 0 |
| Ditto ditto plain piston . . .                                                                        | 0  | 15 | 0 |
| German Hypodermic Syringe, two pipes, mounted in vulcanite, in case . . .                             | 0  | 10 | 6 |
| Hypodermic Syringe, 6 minims, with gold point . . .                                                   | 0  | 10 | 6 |
| Ditto in case . . .                                                                                   | 0  | 13 | 6 |
| Ditto with cut-glass stopped bottle, in morocco case . . .                                            | 0  | 15 | 0 |

Solution of the Acetate of Morphia for Hypodermic Injections.

Acetate of Morphia 10 grains, dissolved in 50 minims of distilled water, so that it shall accurately measure 60 minims of solution, add water if necessary.

## SPECULUMS.

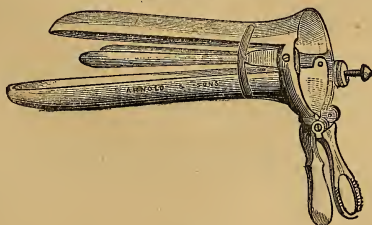


FIG. 577.

|                                                                           |   |    |   |
|---------------------------------------------------------------------------|---|----|---|
| Dr. Meadows' Speculum, stoutly plated . . .                               | 1 | 15 | 0 |
| Ditto Improved Speculum, with side blades, stoutly plated, Fig. 577 . . . | 2 | 0  | 0 |

Sir James Simpson's Trivalve Speculum Vaginæ, stoutly  
plated .

Dr. Cusco's Speculum, improved, electro-plated . . . £1 14 0

. . . 1 7 6

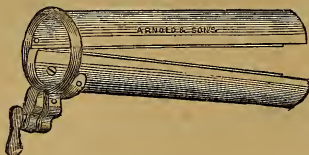


FIG. 578.

Screw-lever Speculum, German Silver, Fig. 578 . . . 1 2 6

Ditto stoutly plated . . . 1 9 6



FIG. 579.

Speculum, German Silver, Fig. 579 . . . 1 2 6

Ditto stoutly plated . . . 1 10 0

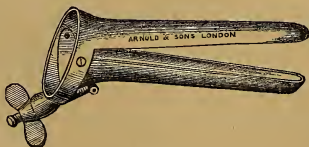


FIG. 580.

Arnold and Sons' Improved Bivalve-lever Speculum,

German silver, Fig. 580 . . . 1 1 0

Ditto ditto stoutly plated 1 10 0



FIG. 581.

Arnold and Sons' modification of Marion Sims' Speculum,  
with metal wire lever frame, Fig. 581 . . . . . £1 1 0  
Sims' Duck-bill Speculum, the set of three fitting one  
screw socket handle in morocco case . . . . . 2 2 0

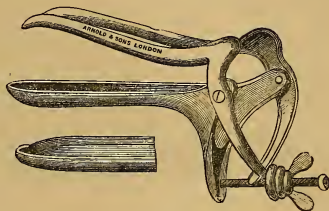


FIG. 582.

American Speculum, German silver, Fig. 582 . . . . . 1 1 0

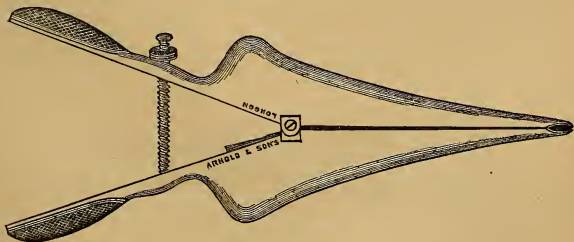


FIG. 583.

Dr. H. Bennett's Bivalve Speculum, German Silver, Fig.  
583 . . . . . 1 2 6  
Ditto . . . ditto . . . stoutly plated . . . 1 9 6

|                                                  |    |    |   |
|--------------------------------------------------|----|----|---|
| Scanzoni's four-bladed Speculum . . . . .        | £2 | 0  | 0 |
| Hilliard's ditto . . . . .                       | 2  | 0  | 0 |
| Ricord's Speculum . . . . .                      | 0  | 15 | 0 |
| Bozman's Duck-bill Speculum . . . . .            | 1  | 2  | 6 |
| Dr. Hewitt's Speculum, stoutly plated . . . . .  | 1  | 5  | 0 |
| Duck-bill Speculum with improved clamp . . . . . | 2  | 5  | 0 |



FIG. 584.

|                                                              |   |    |   |
|--------------------------------------------------------------|---|----|---|
| Sims' Duck-bill Speculum, stoutly plated, Fig. 584 . . . . . | 0 | 16 | 0 |
|--------------------------------------------------------------|---|----|---|



FIG. 585.

|                                                                                                     |      |   |    |   |
|-----------------------------------------------------------------------------------------------------|------|---|----|---|
| Sir Wm. Fergusson's Plated Speculum, Fig. 585 . . . . .                                             | each | 0 | 9  | 6 |
| Ditto ditto the set of three . . . . .                                                              |      | 1 | 7  | 6 |
| Sir Wm. Fergusson's Speculums (three sizes), glass, silvered, and coated with elastic gum . . . . . | each | 0 | 4  | 6 |
| Dr. Routh's Speculum Holder . . . . .                                                               |      | 2 | 18 | 0 |

To this Instrument a plate is attached, which passes under the sacrum, and by means of joints and screws the Speculum is held in any required position.

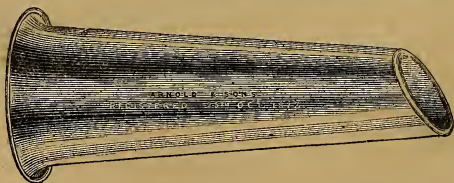


FIG. 586.

|                                                                   |      |   |    |   |
|-------------------------------------------------------------------|------|---|----|---|
| Dr. Hall Davis's Tapering Speculum, silver plated . . . . .       | each | 0 | 10 | 6 |
| Ditto ditto per set of three, in leather case, complete . . . . . |      | 1 | 10 | 0 |



|                                                                                    |    |   |      |
|------------------------------------------------------------------------------------|----|---|------|
| Dr. Hall Davis's Tapering Speculum, nickel plated . each                           | £0 | 7 | 6    |
| Ditto ditto per set of three, in leather case, complete . . . . .                  |    | 1 | 2 6  |
| Ditto ditto of solid metal, without rim at uterine extremity, silver plated . each |    | 0 | 12 6 |
| Ditto ditto per set of three, in leather case, complete . . . . .                  |    | 1 | 17 6 |
| Ditto ditto nickel plated . each                                                   |    | 0 | 10 6 |
| Ditto ditto per set of three, in leather case . . . . .                            |    | 1 | 10 0 |
| Ditto ditto elastic gum each                                                       |    | 0 | 6 0  |
| Ditto ditto per set of three, in leather case . . . . .                            |    | 1 | 0 0  |

Extract from the 'Lancet,' June 13th, 1874:—"The advantages this Speculum presents over Fergusson's Glass Silvered Speculum are its non-fragility and its tapering form. It is easier of introduction. Moreover, the reflective and illuminating power is greatly increased."

Extract from the 'British Medical Journal,' July 18th, 1874:—"It is made in the most useful sizes, and produced in two combinations of metals, one electro-silver plate, and the other nickel-silver plated, which resists the action of acid and will not tarnish."

Extract from the 'Medical Times and Gazette,' July 4th, 1874:—"This Speculum has a trumpet-shaped external opening, the width of the instrument gradually diminished from this to its smaller extreme aperture."

Extract from the 'Medical Press and Circular,' June 24th, 1874:—"They are considerably lighter than any other Speculum hitherto introduced, and much cheaper. We have examined the Speculum and can recommend it."

Extract from 'Obstetrical Journal,' June 1874:—"Dr. J. Hall Davis exhibited a Speculum manufactured by Arnold after Dr. Davis's design. The tube is suitably bevelled off at its uterine end, and the edges carefully rounded."

Extract from 'Obstetrical Transactions,' vol. xvi:—"We have all of us experienced the inconvenience attendant upon the employment of Fergusson's Vaginal Speculum, this arising from its ready liability to fracture under sudden changes of temperature and by collision. I had already on two occasions ordered a tapering metallic Speculum, but the makers did not carry out the order satisfactorily. I mentioned my requirement to Messrs. Arnold and Sons, Surgical Instrument Makers, and they at once undertook, and have since executed, the commission in accordance with my instructions."

'Braithwaite's Retrospect of Medicine,' vol. lxx:—"This Speculum has been manufactured by Messrs. Arnold and Sons, 35 and 36, West Smithfield, in accordance with suggestions made by Dr. J. Hall Davis."

Dr. Atthill's Intra-uterine Speculum, Vulcanite . . . . . 1 1 0

For the application of nitric acid, and to protect the cervical canal from the action of the acid, and the ensuring thorough cauterisation of the cavity of the uterus.

Extract from 'Dublin Journal of Medical Science,' January, 1873.—"I have tried it, and it answers the purpose in view very well; it is intended to be used only after the cervix has been dilated and not as a dilating agent. The instrument is made of vulcanite, and is manufactured by Messrs. Arnold and Sons, of West Smithfield, London. I believe this instrument will prove of value in facilitating the treatment of intra-uterine disease."

Curling's Speculum Ani . . . . . 0 15 0





FIG. 587.



FIG. 588.

|                                                       |    |    |   |
|-------------------------------------------------------|----|----|---|
| Sir Wm. Fergusson's Speculum Ani, Figs. 587 and 588 . | £0 | 4  | 6 |
| Hilton's ditto, electro-plated . . . . .              | 0  | 15 | 0 |

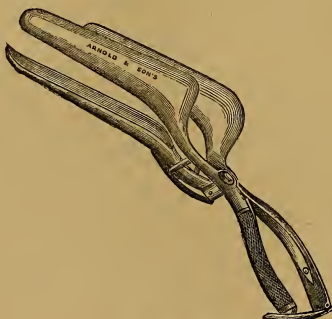


FIG. 589.

|                                                      |          |    |      |
|------------------------------------------------------|----------|----|------|
| Lane's three-bladed Speculum Ani, Fig. 589 . . . . . | 2        | 15 | 0    |
| Weiss's ditto . . . . .                              | 2        | 10 | 0    |
| Bivalve ditto . . . . .                              | 15s. and | 1  | 10 0 |



FIG. 590.

|                                                            |   |    |   |
|------------------------------------------------------------|---|----|---|
| Toynbee's Ear Speculum, the set of three, plated, Fig. 590 | 0 | 10 | 6 |
| Ditto stout silver ditto . . . . .                         | 0 | 19 | 6 |



FIG. 591.

Yearsley's Ear Speculum, the set of three, electro-plated,

|          |   |   |              |   |   |   |   |         |
|----------|---|---|--------------|---|---|---|---|---------|
| Fig. 591 | . | . | .            | . | . | . | . | £0 10 6 |
| Ditto    |   |   | stout silver | . | . | . | . | 0 19 6  |

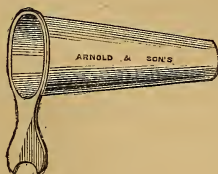


FIG. 592.

Wilde's Ear Speculum, electro-plated, Fig. 592

|       |              |   |    |   |
|-------|--------------|---|----|---|
| Ditto | stout silver | 0 | 16 | 0 |
|-------|--------------|---|----|---|

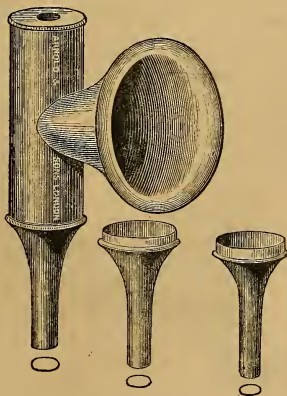


FIG. 593.

Brunton's Auriscope, with three Speculums, complete in leather case, Fig 593 . . . . .

176  
14

|                                                                                                       |    |    |   |
|-------------------------------------------------------------------------------------------------------|----|----|---|
| Hinton's Compound Auriscope, with lamp complete, for<br>examining the ear, urethra, rectum, &c.       | £3 | 5  | 0 |
| Weber's Auriscope, with reflecting mirror, biconvex lens,<br>and three ear speculums, in leather case | 1  | 10 | 6 |
| Dr. Morison's Improved Auriscope                                                                      | .  | .  | . |
| Screw lever Ear Speculum                                                                              | 0  | 9  | 0 |
| Arnold and Sons' Spring Ear Speculum                                                                  | 0  | 10 | 6 |
| Pilcher's ditto                                                                                       | 0  | 10 | 6 |

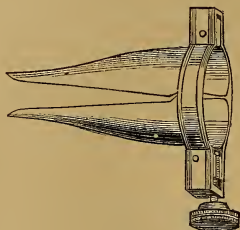


FIG. 594.

|                                                                 |   |   |   |   |   |   |    |   |
|-----------------------------------------------------------------|---|---|---|---|---|---|----|---|
| Arnold and Sons' Improved Screw-lever Ear Speculum,<br>Fig. 594 | . | . | . | . | . | 0 | 9  | 0 |
| Turner's Ear Speculum, the set of three, plated                 | . | . | . | . | . | 0 | 10 | 6 |
| Ditto silver                                                    | . | . | . | . | . | 0 | 19 | 6 |
| Ivory Ear Speculum, three sizes, in case                        | . | . | . | . | . | 0 | 10 | 6 |
| Nasal Speculum                                                  | . | . | . | . | . | 0 | 7  | 6 |

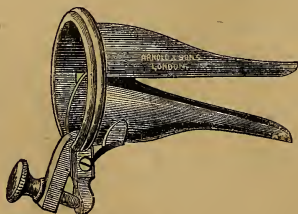


FIG. 595.

|                                |   |   |   |   |   |   |    |   |
|--------------------------------|---|---|---|---|---|---|----|---|
| Avery's Ear Speculum, Fig. 595 | . | . | . | . | . | 0 | 10 | 6 |
|--------------------------------|---|---|---|---|---|---|----|---|

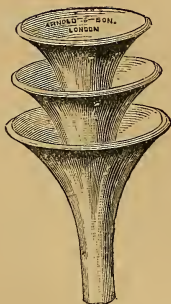


FIG. 596.

Arnold and Sons' Improved Ear Speculum, electro-plated,  
 Fig. 596 . . . . . per set of three £0 15 0

They are made with trumpet-shaped external opening, thereby facilitating the introduction of light and greatly increasing the illuminating and reflective power.



FIG. 597.

|                                           |        |
|-------------------------------------------|--------|
| Kramer's Ear Speculum, Fig. 597 . . . . . | 0 10 6 |
| Naugenbaur's Speculum . . . . .           | 1 1 0  |



## HOT AIR, MERCURIAL AND VAPOUR BATHS.

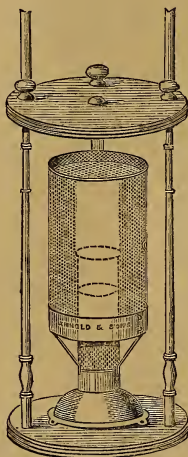


FIG. 598.

Hot Air Bath, improved, Fig. 598 . . . . . £0 16 0

This is a very simple and effective apparatus, consisting of a double wire gauze cylinder in a wooden frame; the inner cylinder protects the flame, the outer is made with a concave top for camphor or any medicament that may be required; it is heated by means of a spirit lamp underneath.

|                                                         |   |    |   |
|---------------------------------------------------------|---|----|---|
| Hot Air Bath, tin body, and copper wire gauze . . . . . | 0 | 18 | 6 |
| Ditto, copper body, electro-plated wire gauze . . . . . | 1 | 3  | 6 |
| Oriental Vapour Bath . . . . .                          | 1 | 10 | 0 |
| Faulding's ditto registered . . . . .                   | 1 | 8  | 0 |

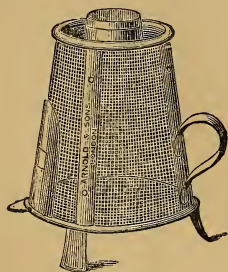


FIG. 599.

Lee's Mercurial Vapour Bath, Fig. 599 . . . £0 10 0

Extract from 'Lancet,' August 21st, 1875.—"The plan which I have usually adopted them is as follows:—A lamp in which the methylated spirits of wine is burned is put into a case made principally of wire gauze on the principle of the Davy safety-lamp. The top of the case is fitted with a central movable, small, circular plate, surrounded by a trough, which should contain one ounce of water only. The water should be boiling when first put in. Thirty grains of resublimed calomel are then spread out on the small central circular plate. This should be quite dry. The patient then sits, without his clothes, on a small stool or chair, and the lamp placed between his legs. A cloak made of moleskin or some thick material is then made to cover the whole apparatus, and is tied round the patient's neck."

|                                                            |   |    |   |
|------------------------------------------------------------|---|----|---|
| Cloak and Collar for Vapour Bath . . . . .                 | 1 | 1  | 0 |
| Cloak ditto . . . . .                                      | 0 | 16 | 0 |
| Collar ditto . . . . .                                     | 0 | 5  | 0 |
| Waterproof Cloak ditto . . . . .                           | 1 | 10 | 0 |
| Brodie's Copper Apparatus for Fumigating Powders . . . . . | 2 | 4  | 0 |
| Arnold and Sons' Improved Hot Air Bath . . . . .           | 2 | 2  | 0 |

## INHALERS.

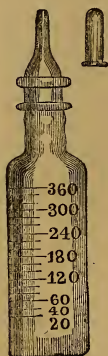


FIG. 600.

|                                                                                                                                       |    |   |   |
|---------------------------------------------------------------------------------------------------------------------------------------|----|---|---|
| Ammonia Inhaler for inhaling vapour of chloride of ammonia in its nascent state . . . . .                                             | £1 | 1 | 0 |
| Barth's Improved Ether Inhaler, complete . . . . .                                                                                    | 3  | 3 | 0 |
| Biegel's Screen and Brass Stand for Inhaler . . . . .                                                                                 | 1  | 0 | 0 |
| Bird's Inhaling Tube . . . . .                                                                                                        | 0  | 3 | 0 |
| Ditto in case . . . . .                                                                                                               | 0  | 4 | 6 |
| Bloxam's Improved Graduated Chloroform Drop Bottle, in leather case, size $4\frac{3}{4}$ in. + $1\frac{1}{4}$ in., Fig. 600 . . . . . | 0  | 3 | 6 |
| Ditto, in boxwood case . . . . .                                                                                                      | 0  | 4 | 6 |

Vide *British Medical Journal*, March 11th, 1871; the *Lancet*, March 18th, 1871; *Medical Times and Gazette*, February 4th and 25th, 1871; *Medical Press and Circular*, March 22nd, 1871.

The Graduated Chloroform Bottle is exceedingly portable and simple. No assistant is required in the administration. The chloroform being spread over a large surface of lint, the amount of atmospheric air is very great. It is much safer, as you do not rely upon complicated valves. The amount of chloroform administered can at once be ascertained by the graduated scale.

|                                                                    |   |    |   |
|--------------------------------------------------------------------|---|----|---|
| Bronchitis Kettle, Allen's . . . . .                               | 0 | 8  | 0 |
| Ditto with stand and lamp . . . . .                                | 0 | 13 | 6 |
| Ditto Owen Nash's, registered . . . . .                            | 0 | 10 | 6 |
| Bullock and Reynolds' Electric Inhaler, with thermometer . . . . . | 0 | 11 | 6 |
| Ditto, with stand and spirit lamp, complete . . . . .              | 0 | 12 | 6 |



## Carrick's Patent Pneukoinon or Universal Inhaler, com-

|                            |    |   |   |
|----------------------------|----|---|---|
| plete                      | £2 | 2 | 0 |
| Ditto Respirator, complete | 1  | 5 | 0 |

The peculiarity of the Pneukoinon is, as its names implies, its universality for the purposes of inhalation. The highest temperature which it is thought desirable to employ in certain cases of inflammation of the throat or chest, can readily be obtained; whilst for cases of spitting of blood, where it is expedient to employ cold inhalation, the atmosphere can be reduced to freezing point in less than five minutes. It may, indeed, be said, without any exaggeration, that the warm, moist climate of Madeira, the pure, dry atmosphere of the Nile, or the frigid temperature of the Arctic regions, can each be produced in a few seconds. The other recommendations are: the facility with which it can be used, its portability, and its durability, which is insured by its being made of metal instead of earthenware, as is the case with most inhalers.

DEAR SIR,

I have watched your experiments in the construction of Inhalers during the last year with very great interest, and I think that your Pneukoinon or Universal Inhaler is the most perfect apparatus of the kind that I am acquainted with.

The facility with which vapour can be raised to any suitable temperature, on the one hand, and the readiness with which a cold atmosphere can be produced, on the other hand, constitute special features, which, as far as I am aware, are not possessed by any other Inhaler. As inhalations are often needed by persons of weak respiratory power, an Inhaler, such as yours, which requires no effort in inspiration, cannot fail to be of the greatest service. The Respirator is not only useful in impure conditions of the atmosphere, but it is likely to prove of great advantage as a medium of inhalation while travelling, as well as in cases where continuous inhalation is required. Under these circumstances I can cordially recommend these valuable inventions to the favorable notice of the profession.

Yours faithfully,

MORELL MACKENZIE, M.D. Lond.,  
Physician to the Hospital for Diseases of the Throat,  
and lately Physician to the London Hospital.

|                                                                                                                                                                                                                                  |    |    |   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|---|
| Clark's Block Tin Inhaler, with large breathing tube, leather hand-piece, to enable the patient to hold the apparatus when filled                                                                                                | 0  | 10 | 6 |
| Clendon's Chloroform Inhaler                                                                                                                                                                                                     | 0  | 10 | 6 |
| Clover's Chloroform Apparatus, with all recent improvements, in mahogany case, consisting of bellows, plated evaporator, Indianette bag, tube, two-way stopcock, two face-pieces, large and small syringe, and chloroform bottle | 10 | 10 | 0 |
| Ditto, ditto, all the metal parts strongly gilt                                                                                                                                                                                  | 12 | 15 | 0 |
| Coleman's Chloroform Inhaler                                                                                                                                                                                                     | 4  | 4  | 0 |



FIG. 601.

Ellis's Patent Japanned Tin Inhaler, for diseases of the throat, lungs, &c., Fig. 601. . . . . £0 4 6

The above Inhaler is the simplest, cheapest, and most effectual instrument invented.

The great advantage over those in general use is that whatever medicament be used the patient inhales from the substance and not from the surface only. A small tube is passed to the bottom of the Inhaler, so that air must necessarily pass through the substance itself before inhalation.

*Arnold and Sons have purchased the exclusive patent right of the inventor to manufacture and sell the above inhalers.*

Junker's Inhaler for the administration of methylene

£2 2s to 4 4 0

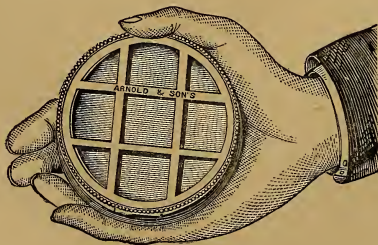


FIG. 602.

|                                                  |   |   |   |   |   |
|--------------------------------------------------|---|---|---|---|---|
| Mallam's Chloroform Inhaler, in silver, Fig. 602 | . | . | 3 | 3 | 0 |
| Ditto                                            |   |   |   |   |   |
| plated                                           | . | . | 2 | 2 | 0 |

|                                 |        |
|---------------------------------|--------|
| Mudge's Metal Inhaler . . . . . | £0 9 6 |
| Ditto improved . . . . .        | 0 12 6 |

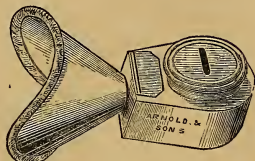


FIG. 603.

|                                                                                   |        |
|-----------------------------------------------------------------------------------|--------|
| Murphy's Chloroform Inhaler, with india-rubber valves, plated, Fig. 603 . . . . . | 0 12 6 |
| Ditto with metal valves, plated . . . . .                                         | 0 15 0 |
| Ditto with Sibson's face-piece . . . . .                                          | 0 18 0 |
| Murray's ditto . . . . .                                                          | 0 5 6  |
| Nelson's Earthenware Inhaler . . . . .                                            | 0 4 0  |
| Ramadge's Japanned Tin, with long elastic tube . . . . .                          | 0 15 0 |
| Ditto Inhaling Tube, ebony . . . . .                                              | 0 2 6  |
| Ditto ditto ivory . . . . .                                                       | 0 4 0  |
| Ditto, straight ditto . . . . .                                                   | 0 1 0  |
| Sansom's Chloroform Inhaler . . . . .                                             | 1 7 0  |



FIG. 604.

|                                                         |        |
|---------------------------------------------------------|--------|
| Sibson's Chloroform Inhaler, plated, Fig. 604 . . . . . | 0 12 6 |
|---------------------------------------------------------|--------|



FIG. 605.

|                                                                        |    |    |   |
|------------------------------------------------------------------------|----|----|---|
| Siegel's Patent Tin Steam Spray Inhaler, Fig. 605 . . .                | £0 | 7  | 6 |
| Ditto Brass ditto . . . . .                                            | 0  | 12 | 6 |
| Ditto ditto, with safety valve, water gauge and<br>barometer . . . . . | 2  | 7  | 6 |

Dr. Siegel's Apparatus is applicable for producing finely medicated spray for inhalation, or hot or cold eye douches, and for Condy's or other disinfecting fluids.

|                                                                                 |   |    |   |
|---------------------------------------------------------------------------------|---|----|---|
| Skinner's Chloroform Inhaler . . . . .                                          | 0 | 5  | 6 |
| Ditto ditto with drop bottle and two<br>covers, in silk bag, complete . . . . . | 0 | 12 | 6 |

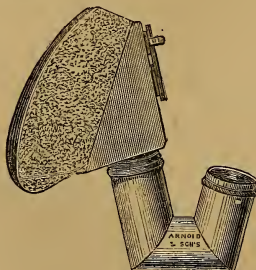


FIG. 606.

|                                                           |   |    |   |
|-----------------------------------------------------------|---|----|---|
| Snow's Chloroform Inhaler, electro-plated, Fig. 606 . . . | 0 | 12 | 6 |
|-----------------------------------------------------------|---|----|---|

|                                                       |   |   |   |   |   |    |   |   |  |
|-------------------------------------------------------|---|---|---|---|---|----|---|---|--|
| Snow's Chloroform Inhaler, electro plated, with three |   |   |   |   |   |    |   |   |  |
| face-pieces, in morocco case                          | . | . | . | . | . | £2 | 2 | 0 |  |
| Swan's Earthenware Inhaler                            | . | . | . | . | . | 0  | 3 | 0 |  |

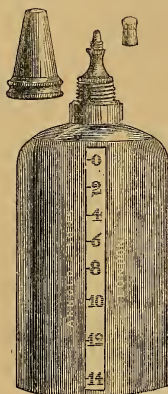


FIG. 607.

|                                                          |   |   |   |   |   |   |   |   |  |
|----------------------------------------------------------|---|---|---|---|---|---|---|---|--|
| Symons' Chloroform Drop Bottle, graduated with gilt      |   |   |   |   |   |   |   |   |  |
| double cap to prevent evaporation, covered with leather, |   |   |   |   |   |   |   |   |  |
| Fig. 607                                                 | . | . | . | . | . | 0 | 7 | 6 |  |
| Townley's Chloroform Inhaler                             | . | . | . | . | . | 1 | 5 | 6 |  |
| Watson's Japanned Tin Inhaler                            | . | . | . | . | . | 0 | 7 | 6 |  |

## SPRAY PRODUCERS.

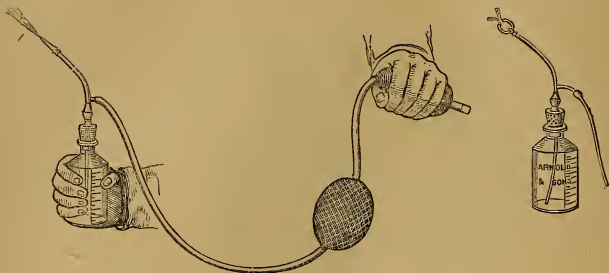


FIG. 608.

Arnold and Sons' Improved Ether Spray Apparatus,  
with hand ball, stoppered bottle, &c., in leather case . £1 1 0

This instrument is so constructed that the spray can be regulated at pleasure.

Arnold and Sons' Improved Spray Producer, with regu-  
lating tap, in case, complete . . . . . 1 5 0

Clark's Spray Producer, with glass mount, in box . . . . . 0 6 6

Ditto with silver mount . . . . . 0 10 6

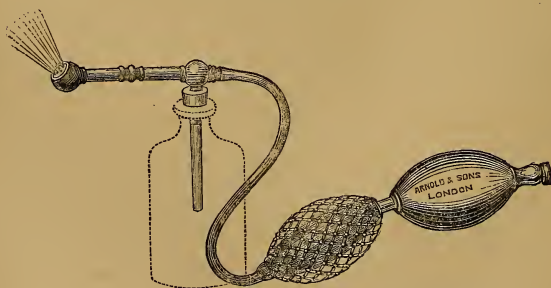


FIG. 609.

Ebonite Spray Producer, with covered end, in case, Fig. 609 1 0 0

Ditto ditto with tongue depressor combined 1 1 0

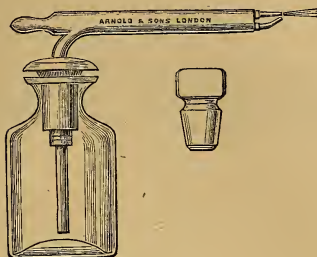


FIG. 610.

|                                                                                                                                                  |         |
|--------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| Ebonite Spray Producer, for applying spray to the throat,<br>in box, complete, Fig. 610 . . . . .                                                | £0 17 6 |
| Ebonite Tube only . . . . .                                                                                                                      | 0 6 0   |
| Ditto with gold ends . . . . .                                                                                                                   | 0 10 6  |
| Glass tube only for Clark's apparatus . . . . .                                                                                                  | 0 1 0   |
| Ditto for Maunder's apparatus . . . . .                                                                                                          | 0 1 6   |
| Lister's Carbolic Acid Spray Apparatus, complete . . . . .                                                                                       | 1 5 0   |
| Maunder's Spray Producer, with glass mounts . . . . .                                                                                            | 0 7 6   |
| Plated Tube only . . . . .                                                                                                                       | 0 4 0   |
| Richardson's Ether Spray Apparatus, with hand ball,<br>graduated stoppered bottle, complete, in mahogany<br>case, single jet, Fig. 608 . . . . . | 0 15 6  |
| Ditto ditto with double jet<br>(for the teeth) . . . . .                                                                                         | 0 17 6  |
| Ditto ditto with three jets,<br>straight, curved, and double . . . . .                                                                           | 0 19 6  |
| Ditto ditto with large fish-<br>tail jet . . . . .                                                                                               | 0 17 6  |
| Robbins and Co.'s Anæsthetic Ether, in stoppered bot-<br>tles, per pint . . . . .                                                                | 0 7 0   |
| Siegel's Spray Producer . . . . . 7s. 6d. and                                                                                                    | 0 12 6  |
| Silver Tube only . . . . .                                                                                                                       | 0 18 0  |
| Ditto for Clark's Apparatus . . . . .                                                                                                            | 0 5 0   |



## NITROUS OXIDE GAS APPARATUS.



FIG. 611.

Nitrous Oxide Gas is strongly recommended for its safety, rapidity of action, and the absence of any disagreeable after effects, in which respect no other anæsthetic can bear the least comparison with it. For operations which can be performed in two or three minutes its success is complete; when more time is required it is usual to administer more gas before the patient recovers from the first inhalation. By pursuing this method capital operations which may occupy twenty minutes or more have been performed without pain.

|                                                                                    |    |    |      |
|------------------------------------------------------------------------------------|----|----|------|
| 50-gallon Bottle Liquid Gas . . . . .                                              | £2 | 5  | 0    |
| Large-sized Cattlin's Bag and Union . . . . .                                      | 0  | 18 | 6    |
| Clover's double-valved face-piece and two-way<br>stopcock (3 sizes kept) . . . . . | 1  | 11 | 6    |
| Leather covered, or mahogany case, Fig. 611 . . . . .                              | 0  | 18 | 6    |
|                                                                                    |    | 5  | 13 6 |

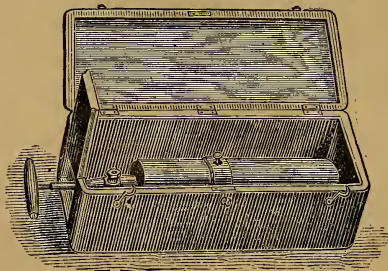


FIG. 612.

|                                                                                    |   |    |      |
|------------------------------------------------------------------------------------|---|----|------|
| 100-gallon Bottle Liquid Gas . . . . .                                             | 3 | 10 | 0    |
| Large-sized Cattlin's Bag and Union . . . . .                                      | 0 | 18 | 6    |
| Clover's double-valved face-piece and two-way<br>stopcock (3 sizes kept) . . . . . | 1 | 11 | 6    |
| Leather covered, or mahogany case, Fig. 612 . . . . .                              | 0 | 18 | 6    |
|                                                                                    |   | 6  | 18 6 |

This form of apparatus is complete in itself, and contains everything necessary for the proper administration of the gas.

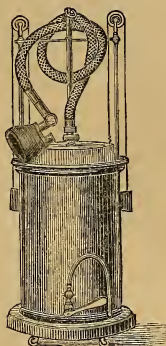


FIG. 613.

|                                                               |    |       |        |
|---------------------------------------------------------------|----|-------|--------|
| Barth's Gasometer for Liquid Gas, Fig. 613                    | £5 | 5     | 0      |
| 100-gallon Bottle Liquid Gas                                  | 3  | 10    | 0      |
| Economizing face-piece and two-way stopcock<br>(3 sizes kept) | 1  | 11    | 6      |
|                                                               |    | <hr/> | 10 6 6 |

This Gasometer is fitted for liquid gas, is fitted with a scale rod to measure the quantity of gas used, and it may be used either with or without the economizing process. To those operators who prefer to use a gasometer this is the most elegant in appearance as well as the most useful that has been devised.

|                                                                                             |    |    |   |
|---------------------------------------------------------------------------------------------|----|----|---|
| 50-gallon Bottle Liquid Gas . . . . .                                                       | 2  | 5  | 0 |
| 100 ditto ditto . . . . .                                                                   | 3  | 10 | 0 |
| 200 ditto ditto . . . . .                                                                   | 5  | 5  | 0 |
| 500 ditto ditto . . . . .                                                                   | 10 | 0  | 0 |
| Clover's Face-piece, in 3 sizes, without attachment for<br>supplementary Bag . . . . . each | 1  | 4  | 0 |
| Ditto without attachment . . . . . "                                                        | 1  | 1  | 0 |
| Refilling Bottles with Oxygen Gas, per gallon . . . . .                                     | 0  | 0  | 3 |



FIG. 614.

|                                               |   |    |   |
|-----------------------------------------------|---|----|---|
| Coleman's new Gas and Ether Inhaler, Fig. 614 | 1 | 10 | 0 |
|-----------------------------------------------|---|----|---|

|                                                                                                                                                                                      |    |    |   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|---|
| Tripod Stands for 200 and 500-gallon Bottles . . .                                                                                                                                   | £0 | 12 | 6 |
| Best Nitrate Ammonia . . . . . per lb.                                                                                                                                               | 0  | 1  | 4 |
| Clover's apparatus, consisting of one face-piece, supplemental bag, and stopcock, two-way stopcock, Catlin's bag and union, and 100-gallon vessel of gas, complete in case . . . . . | 7  | 0  | 0 |
| Ditto           ditto   with two face-pieces . . .                                                                                                                                   | 8  | 4  | 0 |
| Ditto           ditto   three ditto . . . . .                                                                                                                                        | 9  | 7  | 6 |
| Arnold and Sons' Portable Nitrous Oxide Bag, containing 50-gallon bottle liquid gas, Mr. Bloxam's bag and union, with two-way stopcock face-piece, &c., complete . . . . .           | 5  | 0  | 0 |

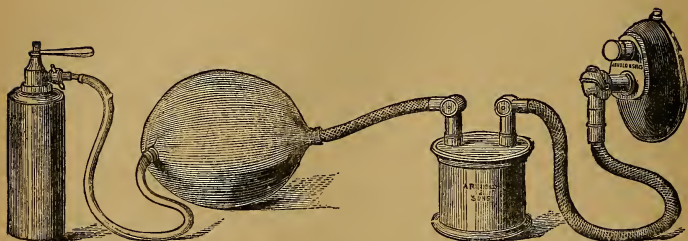


FIG. 615.

Arnold and Sons' Nitrous Oxide Bag, registered, containing 50-gallon bottle of liquid gas, with Mr. Coleman's Improved Economizer, Mr. Bloxam's bag and union, two-way stopcock, and Brain's face-piece, complete, Fig. 615 . . . . . 6 15 0

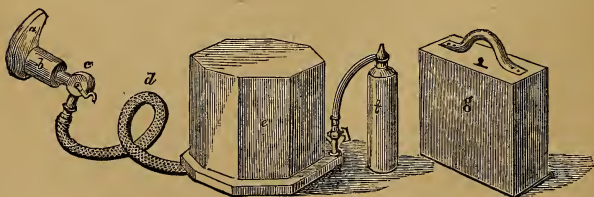


FIG. 616.

Edward's Patent Economizing Inhaler and Gasholder, complete, Fig. 616 . . . . . 3 5 0  
 Portable case for ditto . . . . . 0 5 0

The Economizing Inhaler is constructed so that the gas exhaled from the patient

is thoroughly filtered through lime; it then passes through the inhaling tube to the gas-holder, and back again at the next inspiration, thus being filtered a second time.

The gas is thus thoroughly purified from carbonic acid, and from all unhealthy emanations from the lungs, as soon as it passes from the patient, and before it reaches the inhaling tube. On this account, and for other reasons, it claims superiority over all other apparatus of the kind. At the same time its low price places it within the reach of every operating dentist, whilst more complicated apparatus not only involve a large outlay, but also special instruction in their use.

|                                                                                                          |             |    |      |
|----------------------------------------------------------------------------------------------------------|-------------|----|------|
| Coleman's Economising Apparatus . . . . .                                                                | £2          | 12 | 6    |
| Facepieces, three sizes, for ditto . . . . .                                                             | each        | 1  | 0 0  |
| Ditto ditto for Clover's apparatus . . . . .                                                             | "           | 1  | 3 6  |
| Supplemental Bag and stopcock for ditto . . . . .                                                        |             | 0  | 11 6 |
| Cattlin's bag and union for ditto . . . . .                                                              |             | 0  | 17 6 |
| Clover's two-way stopcock . . . . .                                                                      |             | 0  | 10 6 |
| Set of three facepieces and Clover's two-way stopcock,<br>strongly gilt, in case complete . . . . .      |             | 5  | 5 0  |
| Wash-leather covers for facepieces . . . . .                                                             | per doz.    | 0  | 3 0  |
| Bag (Indianette) with wood mounts, to hold 36 gallons .                                                  |             | 1  | 10 0 |
| Gasometer Tubing . . . . .                                                                               | per foot    | 0  | 2 0  |
| Gasometer with improved screw unions for liquid gas,<br>vessel and tubing complete (15 gallon) . . . . . |             | 5  | 0 0  |
| Refilling Bottles with Gas . . . . .                                                                     | per gallon. | 0  | 0 3  |
| Gags . . . . .                                                                                           | from        | 0  | 1 0  |

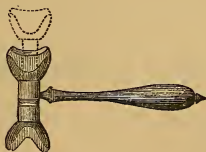


FIG. 617.

|                                                  |  |   |     |
|--------------------------------------------------|--|---|-----|
| McAdams' Improved Mouth Prop, Fig. 617 . . . . . |  | 0 | 6 0 |
| Clover's Graduated ditto . . . . .               |  | 0 | 4 0 |



FIG. 618.

|                                                                              |      |   |     |
|------------------------------------------------------------------------------|------|---|-----|
| Arnold and Sons' Improved Spring Mouth Prop (2 sizes),<br>Fig. 618 . . . . . | each | 0 | 6 0 |
| Hutchinson's ditto (3 sizes) . . . . .                                       | "    | 0 | 7 6 |
| Barth's simple ditto (4 sizes) . . . . .                                     | "    | 0 | 2 0 |
| Brunton's new adjustable ditto (2 sizes) . . . . .                           | "    | 0 | 8 6 |

## BREAST PUMPS, &amp;c.



FIG. 619

|                                                                                   |    |    |   |
|-----------------------------------------------------------------------------------|----|----|---|
| Arnold and Sons' improved Brass Breast Pump, in mahogany case, Fig. 619 . . . . . | £0 | 10 | 6 |
| Ditto ditto with bent glass . . . . .                                             | 0  | 12 | 6 |
| Breast Relievers, Thompson's . . . . .                                            | 0  | 2  | 6 |
| Breast Bottles, india-rubber . . . . .                                            | 0  | 2  | 6 |
| Ditto large . . . . .                                                             | 0  | 5  | 0 |
| Breast Glasses, with india-rubber tube, in box . . . . .                          | 0  | 1  | 0 |

## CHEST EXPANDERS.

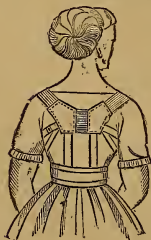


FIG. 620.



FIG. 621.

|                                                                                                                                                                 |   |   |   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|
| Arnold and Sons' Improved Chest Expanders, Ladies', for contracted chest, round shoulders, and to prevent stooping, with spiral wire spring, Fig. 620 . . . . . | 1 | 0 | 0 |
| Ditto ditto Gentle-men's, Fig. 621 . . . . .                                                                                                                    | 1 | 1 | 0 |

|                                                   |         |
|---------------------------------------------------|---------|
| Chest Expanders, plain . . . . .                  | £0 15 0 |
| Ditto Gentlemen's . . . . .                       | 0 16 0  |
| Ditto with india-rubber spring, Ladies' . . . . . | 0 12 6  |
| Ditto ditto Gentlemen's . . . . .                 | 0 13 6  |

These chest expanders are considered superior to dumb bells, promoting expansion of the chest without straining the muscular system, thereby rendering the calisthenic exercise both pleasant and easy.

Measurement required—circumference round chest, waist, and age of patient.

|                                                                               |          |        |
|-------------------------------------------------------------------------------|----------|--------|
| Chest Expanders of india-rubber . . . . .                                     | 2s. to   | 0 5 0  |
| Dumb Bells, covered with chamois leather, 6 lbs. and under . . . . .          | per pair | 0 4 0  |
| 8 lbs., 10 lbs., 14 lbs., 16 lbs., 18 lbs., 20 lbs., 22 lbs., 24 lbs. . . . . | per lb.  | 0 0 8  |
| Cambridge Gymnastic Belts . . . . .                                           |          | 0 10 0 |
| Ditto superior . . . . .                                                      |          | 0 12 6 |

### LANCET CASES.

Stout Silver Lancer Cases, hall marked—

|                                                          | To hold 2 | 3      | 4      |
|----------------------------------------------------------|-----------|--------|--------|
| Plain Silver . . . . .                                   | £0 15 0   | 1 0 0  | 1 0 0  |
| Chased . . . . .                                         | 1 2 0     | 1 6 0  | 1 6 0  |
| Engine Turned . . . . .                                  | 1 7 6     | 1 12 6 | 1 12 6 |
| Engraved . . . . .                                       | 1 0 0     | 1 3 0  | 1 3 0  |
| Morocco Leather . . . . .                                | 0 0 6     | 0 0 9  | 0 1 0  |
| Tortoiseshell . . . . .                                  | 0 5 6     | 0 6 0  | 0 6 0  |
| Ditto, with silver edge and name-plate . . . . .         | 0 6 0     | 0 7 0  | 0 7 6  |
| Ditto, with double silver edges and name-plate . . . . . | 0 11 0    | 0 14 0 | 0 14 0 |

### HERNIA INSTRUMENTS.

|                                                              |       |
|--------------------------------------------------------------|-------|
| Wutzer's Instrument for the radical cure of Hernia . . . . . | 4 4 0 |
| Davis's ditto ditto . . . . .                                | 2 0 0 |
| Fergusson's ditto ditto . . . . .                            | 4 4 0 |
| Rosmund's ditto ditto . . . . .                              | 4 4 0 |

|                                                 |    |    |   |
|-------------------------------------------------|----|----|---|
| Stanley's Silver Director . . . . .             | £0 | 8  | 6 |
| Brodie's ditto ditto . . . . .                  | 0  | 8  | 0 |
| Stanley's steel ditto . . . . .                 | 0  | 4  | 6 |
| Key's ditto ditto . . . . .                     | 0  | 4  | 6 |
| Hernia Bistoury, ivory handle . . . . .         | 0  | 3  | 6 |
| Ditto with concealed regulating blade . . . . . | 0  | 15 | 0 |
| Wood's Hernia Needle . . . . .                  | 0  | 6  | 0 |

## RECTUM INSTRUMENTS.



FIG. 622.

|                                                                                                                    |   |    |   |
|--------------------------------------------------------------------------------------------------------------------|---|----|---|
| Allingham's Ligature Instrument . . . . .                                                                          | 1 | 5  | 0 |
| Ditto Compressors . . . . . per doz.                                                                               | 0 | 3  | 0 |
| Ditto Forceps . . . . .                                                                                            | 0 | 8  | 6 |
| Cauterising Irons, Arnold and Sons' Improved, in case . . . . .                                                    | 0 | 15 | 0 |
| Cautery Iron, Gowland's, with screw socket handle . . . . .                                                        | 0 | 8  | 6 |
| Ditto ditto fitted with four cautery irons . . . . .                                                               | 0 | 14 | 0 |
| Ditto Smith's telescopic . . . . .                                                                                 | 0 | 7  | 6 |
| Clamp for Hæmorrhoids, Gowland's . . . . .                                                                         | 1 | 2  | 0 |
| Ditto ditto plated . . . . .                                                                                       | 1 | 5  | 0 |
| Ditto Lee's . . . . .                                                                                              | 1 | 5  | 0 |
| Ditto Quain's . . . . .                                                                                            | 0 | 18 | 6 |
| Ditto Smith's . . . . .                                                                                            | 0 | 15 | 0 |
| Ditto ditto Improved, with ivory plates, acting as non-conductors, whilst applying the cautery, Fig. 622 . . . . . | 1 | 1  | 0 |

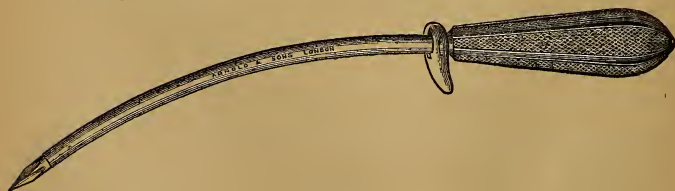


FIG. 623.



|                                                                                              |    |    |   |
|----------------------------------------------------------------------------------------------|----|----|---|
| Curved Trocar, Ponteau's, for puncturing the bladder<br>per rectum, Fig. 623 . . . . .       | £0 | 13 | 6 |
| Ditto      Cock,s,      for ditto, with three silver<br>canulas, in case, complete . . . . . | 1  | 13 | 6 |
| Dilator, Ashton's Fluid, with syringe and two dilators . . . . .                             | 1  | 15 | 0 |
| Ditto Rectum, Nelaton's . . . . .                                                            | 3  | 0  | 0 |
| Ditto ditto Todd's . . . . .                                                                 | 2  | 0  | 0 |
| Fistula Director, Brodie's . . . . .                                                         | 0  | 6  | 6 |



FIG. 624.

|                                                 |   |   |   |
|-------------------------------------------------|---|---|---|
| Fistula Director, Curling's, Fig. 624 . . . . . | 0 | 8 | 6 |
| Ditto Knife . . . . .                           | 0 | 4 | 6 |
| Ditto Probe . . . . .                           | 0 | 2 | 0 |



FIG. 625.

|                                                         |   |    |   |
|---------------------------------------------------------|---|----|---|
| Fistula Scissors, Salmon's Improved, Fig. 625 . . . . . | 0 | 15 | 0 |
|---------------------------------------------------------|---|----|---|

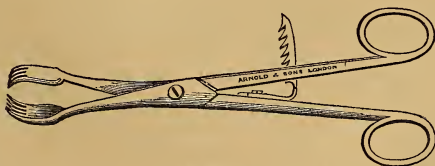


FIG. 626.

|                                                                               |   |    |   |
|-------------------------------------------------------------------------------|---|----|---|
| Hæmorrhoidal Forceps, Curling's, with vulsellum points,<br>Fig. 626 . . . . . | 0 | 15 | 0 |
| Ditto      ditto      plain . . . . .                                         | 0 | 9  | 0 |
| Ditto      ditto      with cross action . . . . .                             | 0 | 12 | 0 |
| Ditto      Marshall's fenestrated . . . . .                                   | 0 | 10 | 6 |
| Ditto      ditto      small . . . . .                                         | 0 | 7  | 6 |



FIG. 627.

|                                                            |                |
|------------------------------------------------------------|----------------|
| Hæmorrhoidal Forceps, Wilcox's, with slide catch, Fig. 627 | £0 12 6        |
| Hæmorrhoidal Hook, . . . . .                               | 6s. 6d., 0 7 6 |
| Hæmorrhoidal Needle, Bushe's . . . . .                     | 0 16 0         |
| Ditto plain . . . . .                                      | 0 3 6          |
| Knife for Fissure of the Anus . . . . .                    | 0 4 6          |
| Medicated Suppositories . . . . .                          | per doz. 0 2 0 |
| O'Beirne's Tubes, 6 in. to 24 in. in length . . . . .      | 6d. to 0 3 0   |

The above can be fitted to Arnold and Sons' improved Enemas.

|                                                             |        |
|-------------------------------------------------------------|--------|
| Prolapsus Ani Bandage, with india-rubber anal pad . . . . . | 0 10 0 |
|-------------------------------------------------------------|--------|

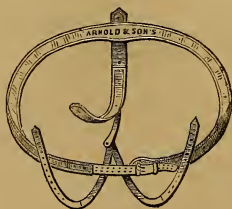


FIG. 628.

|                                                                                           |        |
|-------------------------------------------------------------------------------------------|--------|
| Prolapsus Ani Truss, with boxwood pad . . . . .                                           | 1 1 0  |
| Ditto Arnold and Sons' Improved, with ivory pad and supporting spring, Fig. 628 . . . . . | 1 10 0 |
| Ditto ditto extra superior . . . . .                                                      | 2 0 0  |
| Rectum Bougie, elastic gum, super quality . . . . .                                       | 0 3 6  |
| Ditto ditto second quality . . . . .                                                      | 0 2 6  |
| Ditto ditto common . . . . .                                                              | 0 1 6  |
| Ditto Wax, short . . . . .                                                                | 0 1 6  |
| Ditto ditto long . . . . .                                                                | 0 2 0  |
| Ditto Vulcanite, the set of six nested . . . . .                                          | 0 13 6 |
| Ditto Quain's . . . . .                                                                   | 0 5 0  |
| Rectum Plug, elastic gum . . . . .                                                        | 0 2 6  |
| Ditto Metallic . . . . .                                                                  | 0 2 6  |
| Ditto Ivory . . . . .                                                                     | 0 4 0  |
| Ditto Vulcanite . . . . .                                                                 | 0 2 6  |

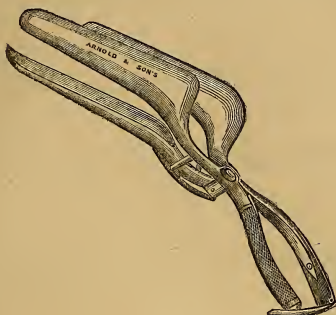


FIG. 629.

Speculum] Ani, Lane's three-bladed electro-plated, Fig.

|       |          |       |   |   |   |   |         |
|-------|----------|-------|---|---|---|---|---------|
| 629   | .        | .     | . | . | . | . | £2 15 0 |
| Ditto | Hilton's | ditto | . | . | . | . | 0 15 0  |



FIG. 630.

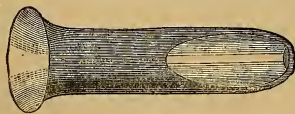


FIG. 631.

|                                              |   |          |        |
|----------------------------------------------|---|----------|--------|
| Speculum Ani, Fergusson's, Figs. 630 and 631 | . | .        | 0 4 6  |
| Ditto Weiss's three-bladed                   | . | .        | 2 10 0 |
| Suppository Tube, ivory                      | . | .        | 0 2 6  |
| Ditto vulcanite                              | . | 1s. 6d., | 0 2 0  |
| Ditto bone                                   | . | .        | 0 1 0  |

## STRICTURE INSTRUMENTS.



FIG. 632.



FIG. 633.



FIG. 634.

Stricture Dilator, Davy's, with sliding metal bolt or dilator, Figs. 632, 633, and 634 . . . . . £2 10 0

No. 1. Set of Wakley's Stricture Instruments, in morocco leather case, containing four Silver Canulas, Nos. 3, 5, 7, and 9; one long Silver Catheter, with conducting rods; two elastic gum Canulas, with Silver ends, Nos. 6 and 8 . . . . . 2 17 6

No. 2. Set of Wakley's Stricture Instruments, in morocco leather case, containing eight Silver Canulas, Nos. 3, 4, 5, 6, 7, 9, and 10; one long Silver Catheter and conducting rod; three elastic gum Canulas, with Silver ends . . . . . 3 15 0

No. 3. Set of Wakley's Stricture Instruments, in superior morocco leather case, containing eight Silver Canulas, Nos. 3, 4, 5, 6, 7, 8, 9, and 10; two long Silver Catheters, with stillettes and conducting rods; three elastic gum Canulas, with Silver ends, Nos. 6, 8, and 10 . . . . . 4 10 0

No. 4. Complete set of Wakley's Stricture Instruments, in superior morocco case, lined silk velvet, containing eleven Silver Canulas, extra stout, Hall marked, Nos. 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, and 13; three long Silver Catheters, with stillettes, conducting rods, and eleven elastic gum Canulas, with Silver ends . . . . . 8 10 0



FIG. 635.

|                                                        |        |                      |   |   |         |
|--------------------------------------------------------|--------|----------------------|---|---|---------|
| Stricture Dilator, Sir H. Thompson's                   | .      | .                    | . | . | £1 15 0 |
| Ditto                                                  | ditto  | plated               | . | . | 2 0 0   |
| Ditto                                                  | ditto  | improved, with two   | . | . |         |
| levers between the blades, in morocco leather case     | .      | .                    | . | . | 2 7 6   |
| Catheters, see pages 101 to 107.                       |        |                      |   |   |         |
| Stricture Dilators, Richardson's, complete, in morocco | .      | .                    | . | . |         |
| case                                                   | .      | .                    | . | . | 4 4 0   |
| Ditto                                                  | ditto  | with knife, &c., the | . | . |         |
| complete set                                           | .      | .                    | . | . | 5 0 0   |
| Ditto                                                  | Lyons' | .                    | . | . | 2 0 0   |



FIG. 636.

|                                                           |   |   |   |   |         |
|-----------------------------------------------------------|---|---|---|---|---------|
| Stricture Dilators, Barnard Holt's set of, in morocco     | . | . | . | . |         |
| leather case, containing three plated Canulas, steel      | . | . | . | . |         |
| Dilator, with guiding rod, and ivory handle, Fig. 636     | . | . | . | . | 2 5 0   |
| Stricture Dilators, Barnard Holt's complete set of, in    | . | . | . | . |         |
| superior morocco case, lined silk velvet, containing four | . | . | . | . |         |
| plated canulas, ivory handles; plated Dilator, with       | . | . | . | . |         |
| guiding rod, in chequered ivory handles                   | . | . | . | . | 2 15 0  |
| Bougies, see pages 107 and 108.                           |   |   |   |   |         |
| Jugum penis                                               | . | . | . | . | 0 4 0   |
| Prostate Catheters, see pages 101 to 107.                 |   |   |   |   |         |
| Arnold and Sons' complete set of Stricture Instruments,   | . | . | . | . |         |
| in superior morocco leather case, lined silk velvet,      | . | . | . | . |         |
| containing Sir Henry Thompson's Dilator, set of           | . | . | . | . |         |
| Barnard Holt's Canulas and Dilators, six Brodie's         | . | . | . | . |         |
| Catheters, two Prostate, six Sounds, one Blood Catheter,  | . | . | . | . |         |
| Lallemand's Caustic Catheter, Erichsen's Catheter,        | . | . | . | . |         |
| twelve elastic gum Catheters, Double-channel Catheter,    | . | . | . | . |         |
| Syringe for washing out the bladder, Ponteau's curved     | . | . | . | . |         |
| Trocar for puncturing the bladder per rectum, Trocar      | . | . | . | . |         |
| for puncturing bladder above the pubis                    | . | . | . | . | 14 14 0 |



FIG. 637.

|                                      |   |   |   |    |    |   |
|--------------------------------------|---|---|---|----|----|---|
| Phymosis Forceps, Ricord's, Fig. 637 | . | . | . | £0 | 6  | 6 |
| Syme's Stricture Staff               | . | . | . | 0  | 6  | 0 |
| Urethrotome, Berkeley Hill's         | . | . | . | 2  | 10 | 0 |
| Ditto Civiale's                      | . | . | . | 2  | 5  | 0 |
| Ditto Maisonneuve's                  | . | . | . | 2  | 10 | 0 |
| Ditto Stafford's, curved             | . | . | . | 1  | 15 | 0 |
| Ditto ditto straight                 | . | . | . | 1  | 7  | 6 |
| Ditto Thompson's                     | . | . | . | 1  | 5  | 0 |

## ENEMAS, STOMACH PUMPS, &c.



FIG. 638.

|                                                                                                          |   |   |    |   |
|----------------------------------------------------------------------------------------------------------|---|---|----|---|
| Arnold and Sons' Patent Simplex Enema, No. 1. very superior, in mahogany case, lined velvet, as Fig. 638 | . | 1 | 1  | 0 |
| Ditto ditto No. 2 in mahogany case                                                                       | . | 0 | 12 | 6 |
| Ditto ditto No. 3, in wood case                                                                          | . | 0 | 6  | 6 |
| Ditto ditto constant stream                                                                              | . | 1 | 5  | 0 |

*The great advantage of these Enemas over those in general use is their simplicity and durability, it being almost impossible for them to get-out of order. For India and the Colonies they are invaluable.*

Extract from *British Medical Journal*, June 22nd, 1872.—“They are very easy to use, needing only one hand to work them, and can be taken to pieces to clean and put together again in a few seconds.”

Extract from *Medical Times and Gazette*, June 22nd, 1872.—“There is no packing on the piston, and they are so simple in construction that it is next to impossible they should get out of order.”

Extract from *Lancet*, August 17th, 1872.—“Most of the Enema Apparatus hitherto invented present some disadvantages, which militate against their use—

fulness." All these *various* defects are remedied by the two new forms of apparatus made by Arnold and Sons.

Extract from *Medical Press and Circular*, June 26th, 1872.—“They are made entirely of metal, and the springs are of plated steel, so are not likely to rust or become weakened.”

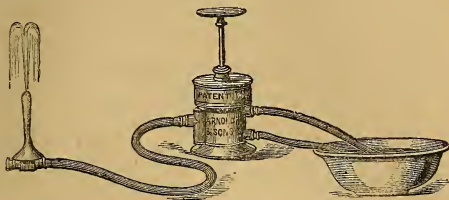


FIG. 639.

|                                                                                                                                                                 |    |    |   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|---|
| Arnold and Sons' Patent Facilis Enema, in mahogany case, lined velvet, as Fig. 639 . . . . .                                                                    | £1 | 5  | 0 |
| Brass Enema, with elastic tube and metal rectum pipe, in mahogany case . . . . .                                                                                | 0  | 7  | 6 |
| Ditto . . . . . ditto . . . . . tubing covered . . . . .                                                                                                        | 0  | 8  | 6 |
| Ditto . . . . . with elastic tubing, metal rectum and elastic vaginal pipe, in mahogany case . . . . .                                                          | 0  | 15 | 0 |
| Ditto . . . . . fitted with O'Beirn's elastic rectum Tube, in mahogany case . . . . .                                                                           | 0  | 12 | 6 |
| Ditto . . . . . Bennet's, complete . . . . .                                                                                                                    | 1  | 1  | 0 |
| Ditto . . . . . ditto . . . . . smaller . . . . .                                                                                                               | 0  | 17 | 0 |
| Ditto . . . . . ditto . . . . . in leather pouch . . . . .                                                                                                      | 1  | 1  | 0 |
| Ditto . . . . . Portable, with brass telescopic tube, in leather case, size $8\frac{3}{4}$ in. long' $2\frac{1}{2}$ in. wide, $1\frac{1}{2}$ in. deep . . . . . | 0  | 16 | 0 |

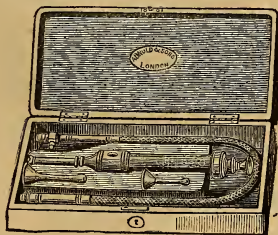


FIG. 640.

|                                                               |   |   |   |
|---------------------------------------------------------------|---|---|---|
| Brass Enema, very superior, in mahogany case . . . . .        | 1 | 1 | 0 |
| Ditto . . . . . Arnold and Sons' Improved, Fig. 640 . . . . . | 1 | 5 | 0 |





FIG. 641.

Double-action Enema, Arnold and Sons' Improved, with covered tubing and metal rectum pipe, in mahogany case, Fig. 641 . . . . . £1 5 0

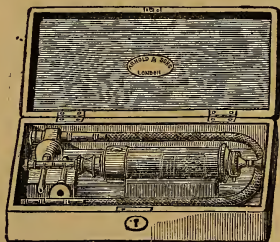


FIG. 642.

Double-action Enema, Arnold and Sons' Improved, with superior tubing, specially prepared to stand any climate, complete, in mahogany case, polished throughout, Fig. 642 . . . . . 1 10 0

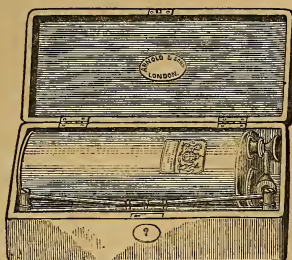


FIG. 643.

|                                                                                                       |         |
|-------------------------------------------------------------------------------------------------------|---------|
| Fountain Reservoir Enema, japanned, in leather case                                                   | £0 15 0 |
| Ditto continuous stream                                                                               | 1 10 0  |
| Ditto Arnold and Sons' Improved,<br>with every improvement, in mahogany case, very superior, Fig. 643 | 2 2 0   |

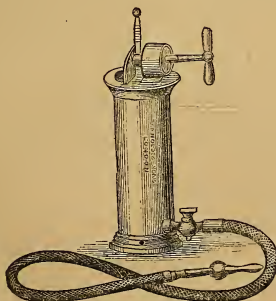


FIG. 644.

|                                                  |        |
|--------------------------------------------------|--------|
| Irrigateur, Dr. Eguisier's, metal, No. 1         | 0 17 6 |
| Ditto ditto No. 2                                | 1 1 0  |
| Ditto ditto No. 3                                | 1 4 0  |
| Ditto brass, No. 1                               | 1 7 6  |
| Ditto ditto No. 2                                | 1 10 0 |
| Ditto ditto No. 3                                | 1 14 0 |
| Plain wood cases for above                       | 0 4 0  |
| Superior mahogany case, fitted with lock and key | 0 6 0  |

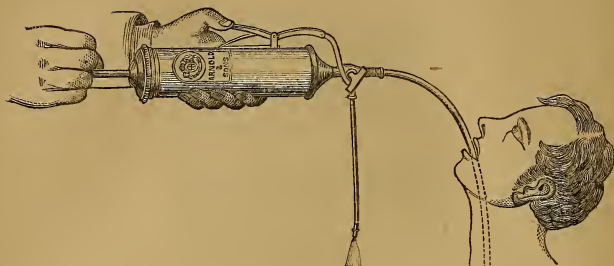


FIG. 645.

|                                                                                                                                      |       |               |  |         |
|--------------------------------------------------------------------------------------------------------------------------------------|-------|---------------|--|---------|
| Stomach Pump and Enema combined, the stomach pump<br>adjusted with improved flute key lever, in mahogany<br>case, Fig. 645 . . . . . |       |               |  | £1 17 6 |
| Ditto                                                                                                                                | ditto | very superior |  | 2 7 6   |
| Stomach Pump, Arnold and Sons' Improved, with bayonet<br>joints, in mahogany case . . . . .                                          |       |               |  | 2 2 0   |
| Stomach Pump and Enema combined, in mahogany case                                                                                    |       |               |  | 1 0 0   |
| Ditto                                                                                                                                | ditto | superior      |  | 1 7 6   |

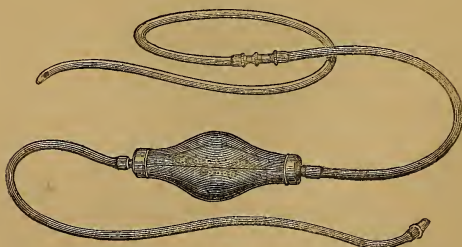


FIG. 646.

|                                                                                                                                |  |  |  |        |
|--------------------------------------------------------------------------------------------------------------------------------|--|--|--|--------|
| Stomach Pump, Dr. Tosswill's Syphon, with tubing,<br>mounts, mouth-gag, &c., in mahogany case, complete,<br>Fig. 646 . . . . . |  |  |  | 0 15 0 |
|--------------------------------------------------------------------------------------------------------------------------------|--|--|--|--------|

USE OF THE STOMACH-PUMP.—“Washing out of the stomach, and the aspiration of liquids secreted by it, is more and more practised in Germany, since Kussmaul highly praised this method. Dr. Schliep uses it in nearly all affec-

tions of the stomach, especially in chronic gastritis, with or without dilatation. The cure of chronic catarrh, according to his account in the 'Deutsche Klinik,' vol. xiv, would require but a limited number of applications. In simple catarrh, five would suffice on an average. He uses this method even in the dyspepsia of consumptive patients. In dilatation of the stomach, he empties that organ with the pump every day. He performs the washing out even in cancer with pure water; or adds bicarbonate of soda to the water, if the liquids be very acid; or permanganate of potash, if these liquids show signs of fermentation; carbolic acid, when they contain vegetable parasites; boracic acid, as a disinfectant; and tincture of myrrh, in atonic dyspepsia with abundant secretion of mucus."

Extract from *British Medical Journal*, Feb. 14th, 1874.—"For some time past I have felt convinced that the Stomach-Pump now in use is far from a perfect apparatus. It is costly, not particularly portable, and, above all, a dangerous instrument. I wish, therefore, to bring before the notice of the Profession a Stomach-Pump on a novel principle, which has been made by Messrs. Arnold and Sons, the well-known Instrument Makers in West Smithfield."

Extract from *Medical Times and Gazette*, Feb. 14th, 1874.—"The advantages claimed for the instrument are—freedom from danger, cheapness, and increased portability; it can be easily carried in the coat-pocket, and it is almost impossible to perforate the coats of the stomach or œsophagus, be the operator ever so clumsy or ignorant."

Extract from *Medical Press and Circular*, Feb. 11th, 1874.—"In a case of opium poisoning, I have lately used this instrument, and by means of it thoroughly washed out the patient's stomach in a very brief space of time. I would draw especial notice to the low price at which this instrument is to be obtained."

Extract from *London Medical Record*, March 4th, 1874.—"Its passage down the œsophagus, as in the case of Thompson's Catheter in the urethra, is effected by twisting it round and round in the hand until it has reached the stomach. I need scarcely point out how much less pain the soft flexible tube must cause than the hard, somewhat inelastic tube generally used."

Extract from *Braithwaite's Retrospect of Medicine*, vol. lxix.—"The ordinary Stomach-Pump is both costly and cumbrous, moreover, its use is not unattended with danger. A much simpler and better instrument is one recently made by Messrs. Arnold and Sons, West Smithfield."

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## SYPHON ENEMAS.

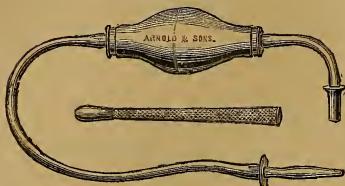


FIG. 647.

|                                                                                                                                                            |         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| Arnold and Sons' combined Syringe, a modification of<br>Higginson's Enema, fitted with rectum, vaginal, ear,<br>eye, nose, with vulcanite mounts, complete | £0 15 0 |
| Higginson's Syphon Enema, with bone rectum pipe, in<br>slide cedar box                                                                                     | 0 3 6   |
| Higginson's Syphon Enema, with elastic vaginal pipe,<br>in box complete, Fig. 647                                                                          | 0 4 0   |
| Higginson's Syphon Enema, with elastic vaginal pipe,<br>superior, in box complete                                                                          | 0 6 0   |



FIG. 648.

Injection Syringe, Arnold and Sons' Registered, Fig. 648 0 3 6

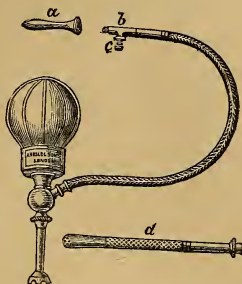


FIG. 649.

|                                                                                                            |         |
|------------------------------------------------------------------------------------------------------------|---------|
| Kennedy's Syphon Enema, fitted with elastic gum vaginal pipe, in leather case, Fig. 649 . . . . .          | £0 13 6 |
| Ditto ditto very superior, with best covered tube and metal rectum pipe, in morocco leather case . . . . . | 0 15 0  |
| Ditto ditto small, for children, with plain mounts, in wood box . . . . .                                  | 0 3 6   |
| Ditto ditto large . . . . .                                                                                | 0 7 6   |
| Ditto ditto with covered tube and metal rectum pipe, in leather case . . . . .                             | 0 12 0  |

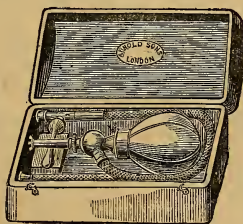


FIG. 650.

|                                                                                                                     |        |
|---------------------------------------------------------------------------------------------------------------------|--------|
| Kennedy's Syphon Enema, with metal rectum and elastic gum vaginal pipe, in morocco leather case, Fig. 650 . . . . . | 0 17 6 |
| Ditto ditto electro plated . . . . .                                                                                | 1 0 0  |
| Ditto ditto gilt . . . . .                                                                                          | 1 7 0  |
| Syphon Vaginal Syringe (as made for), and recommended by Dr. Greenhalgh . . . . .                                   | 0 6 6  |
| Uterine Syringe, plated, complete, in morocco case . . . . .                                                        | 0 18 6 |
| Ditto ivory mounts . . . . .                                                                                        | 0 16 0 |
| Uterine Douche, complete . . . . .                                                                                  | 0 12 6 |
| Ditto Barth's, complete . . . . .                                                                                   | 1 1 0  |

## THERMOMETERS, BAROMETERS, &amp;c.

*Arnold and Sons have succeeded in producing Clinical Thermometers with sensitive bulbs, thereby effecting a great saving of time in registering temperature.*

Arnold and Sons' Patent Pocket Clinical Thermometer, with Bayonet Joint, in

|                                         |         |
|-----------------------------------------|---------|
| Sterling Silver Case, Fig. 651 . . .    | £0 12 6 |
| Ditto ditto in German Silver case . . . | 0 10 6  |
| Ditto ditto in Gold Case . . .          | 1 10 0  |

If with Centigrade Scale as well as Fahrenheit,  
2s. 6d. extra.

*All Instruments in Silver or Gold Cases have the Coloured Scale, which renders the reading more intelligible, and likewise the constriction, to prevent the possibility of the index descending into the bulb.*

Arnold and Sons guarantee the accuracy of every Thermometer, which is tested by a New Apparatus invented by themselves expressly for that purpose, and which has been verified at Kew.

The woodcut A shows the thermometer with case attached; C, the instrument without the case; and B, the thermometer when closed.

Extract from *Lancet* (Second Notice), December 19th, 1874.—“Of all the pocket companions now essential to the practitioner, none is more indispensable than a good Thermometer. It is a gratifying circumstance to find instrument makers taking pains to make the instrument more useful by making it more reliable and more easy of use. The Messrs. Arnold and Sons have attempted to make the scale more legible by colouring it red and indelibly, and the attempt has been successful. The instruments also have been carefully tested as to accuracy.”

Extract from *Medical Times and Gazette* (Second Notice), Feb. 27th, 1875.—“One of the latest and best forms of this useful instrument has been forwarded to us by Messrs. Arnold and Sons, of 35 and 36, West Smithfield. It is of a very useful size for the waistcoat pocket. The marking of the glass is clear and indelible.”

Extract from *British Medical Journal* (Second Notice), May 15th, 1874.—“Messrs. Arnold and Sons have improved their Clinical Thermometers. The scale is indelible; the one we have examined is very accurate, and they are all carefully adjusted; it is an extremely neat and useful form of instrument.”



FIG. 651.



Extract from *Lancet*, May 10th, 1873.—“It will at once be seen that by a very simple arrangement a thermometer of  $3\frac{1}{2}$  in. long can instantly be increased to one of 7 in. in length, and at the same time when closed can be carried in the waistcoat pocket, and is less cumbersome than a common pencil-case.”

Extract from *British Medical Journal*, June 7th, 1873.—“This is certainly a most ingenious instrument, and one of the best hitherto brought out. It is very simple and portable, and mechanical means are taken which very much reduce its chances of being broken.”

Extract from *Medical Times and Gazette*, May 24th, 1873.—“To the end of the thermometer is secured part of the case, which mount is so formed that the instrument is not liable to slip through the fingers and thereby get broken, which is so frequently the case with those in present use.”

Extract from *Medical Record*, June 25th, 1873.—“The great desideratum of furnishing a really Pocket Clinical Thermometer (many of those so styled are only so in name) has been secured by a very ingenious device patented by Messrs. Arnold and Sons. We have used it, and can recommend it as trustworthy, portable, and very convenient.”

Extract from *Students' Journal*, April 24th, 1875.—“The colouring has the merit of being indelible. Those who use these thermometers may rely on their accuracy, a point of no little consequence, as they are all tested by a New Standard Thermometer, and those that vary from the standard in the slightest degree are destroyed.”

Extract from the *Medical Press and Circular*, June 4th, 1873.—“In the ordinary thermometer cases the instruments are constantly being broken, whereas in the Patent Thermometer referred to this is almost a matter of impossibility.”

Extract from *Students' Journal*, June 7th, 1873.—“The new Pocket Clinical Thermometer, invented and manufactured by Messrs. Arnold and Sons, is the most portable ever introduced to the notice of the medical profession; whilst in other good qualities it is fully equal to any of those previously brought forward.”

Extract from *Medical Record*, March 17th, 1875.—“This little Pocket Clinical Thermometer has many advantages. It is portable, firmly mounted with a well-devised bayonet catch and graduated very legible and indelible reading scale. They are well-tested, accurate instruments, and combine all the requirements which can be looked for in an instrument of the kind.”

Extract of a Letter received from Dr. W. Bathurst Woodman, Translator and Editor of *Wunderlich's Medical Thermometry*, for the New Sydenham Society.—“The Patent Clinical Thermometer I bought of you is a *decided* improvement on all the thermometers I have ever seen. It was a very carefully and beautifully made instrument, and exceedingly sensitive. I enclose an order for three more, which please add to my account enclosed.”

Extract from *Guy's Hospital Gazette*, Sept. 27th, 1873.—Arnold and Sons Clinical Thermometer is a conveniently devised instrument, small enough to have all the conveniences of a small instrument, but which, by means of its case, can be so elongated as to have the advantages of the larger instruments.”

Dr. Robert Ellis writes:—“I like the thermometer you have sent better than any I have ever used, and I will never again use any other if I can help it.”

Dr. Moorhouse, of Ellesmere, writes:—“I have used the thermometer constantly for two years, and have not the least hesitation in saying that it is the most portable, safe, convenient, and at the same time reliable Clinical Thermometer I have met with.”



FIG. 652.

|                                                                                                           |       |           |    |    |    |
|-----------------------------------------------------------------------------------------------------------|-------|-----------|----|----|----|
| Aitkin's Self-registering Clinical Thermometer, in turned wood case, 4 in., 4½ in., and 6 in., Fig. 652 . |       | each      | £0 | 8  | 0  |
| Ditto                                                                                                     | ditto | in ivory  | 0  | 9  | 0  |
| Ditto                                                                                                     | ditto | in silver | 0  | 10 | 6. |



FIG. 653.

|                                                                                                                   |      |   |    |   |
|-------------------------------------------------------------------------------------------------------------------|------|---|----|---|
| Aitkin's Self-registering Clinical Thermometer, in morocco case, lined velvet, Fig. 653 .                         |      | 0 | 10 | 0 |
| Allbutt's Self-registering Clinical Thermometer, in box-wood case, 4 in., 4 $\frac{1}{2}$ in., 5 in., and 6 in. . | each | 0 | 7  | 0 |
| Andrews' Surface Thermometer, in case .                                                                           |      | 1 | 10 | 0 |



FIG. 654.

|                                                                                                                      |   |    |   |
|----------------------------------------------------------------------------------------------------------------------|---|----|---|
| Arnold and Sons' 3 in. Clinical Thermometer, 95° to 110°, red scale, with constricted bulb, in silver case, Fig. 654 | 0 | 12 | 6 |
|----------------------------------------------------------------------------------------------------------------------|---|----|---|



FIG. 655.

|                                                                                                                     |   |    |   |
|---------------------------------------------------------------------------------------------------------------------|---|----|---|
| Arnold and Sons' 4 in. Clinical Thermometer, 95° to 110°, red scale, with constricted bulb, in ivory case, Fig. 655 | 0 | 10 | 6 |
|---------------------------------------------------------------------------------------------------------------------|---|----|---|

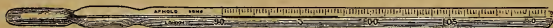


FIG. 656.

|                                                                                                                     |   |    |   |
|---------------------------------------------------------------------------------------------------------------------|---|----|---|
| Arnold and Sons' 5 in. Clinical Thermometer, 95° to 110°, red scale, with constricted bulb, in ivory case, Fig. 656 | 0 | 11 | 6 |
|---------------------------------------------------------------------------------------------------------------------|---|----|---|



FIG. 657.

|                                                                                                                             |   |    |   |
|-----------------------------------------------------------------------------------------------------------------------------|---|----|---|
| Arnold and Sons' 6 in. Clinical Thermometer, 95° to 110°,<br>red scale, with constricted bulb, in boxwood case, Fig.<br>657 | 0 | 10 | 6 |
| Arnold and Sons' Patent Self-registering Clinical Ther-<br>mometer, in propelling case                                      | 0 | 15 | 0 |
| Ditto ditto in plated slide case                                                                                            | 0 | 12 | 6 |

|                                                                                                                                     |        |
|-------------------------------------------------------------------------------------------------------------------------------------|--------|
| Arnold and Sons' Hospital Clinical Thermometer for ward use, in boxwood case . . . . .                                              | £0 6 6 |
| Arnold and Sons' Improved Self-registering Clinical Thermometer, 4 in., with indelible glass covered scale, in ebony case . . . . . | 0 10 6 |

Extract from *Lancet*, March 4th, 1876 :—"The construction of this instrument precludes the possibility of the reading scale becoming obliterated or indistinct."

Extract from *British Medical Journal*, March 4th, 1876 :—"Messrs. Arnold and Sons have shown us an improved Clinical Thermometer, which is in all respects convenient and accurately made, and which has the special advantage that the markings are under glass; the advantages of this are obvious."

Extract from *Medical Times and Gazette*, March 4th, 1876 :—"The special and important advantage of which is the graduated scale is coated with glass, so as to make the markings absolutely indelible."

|                                                                             |        |
|-----------------------------------------------------------------------------|--------|
| Beale's Pocket Thermometer, 3 in., 95 to 110 deg., in silver case . . . . . | 0 16 0 |
|-----------------------------------------------------------------------------|--------|



FIG. 658.

|                                                                                                                                |        |
|--------------------------------------------------------------------------------------------------------------------------------|--------|
| Buzzard's Pocket Thermometer, 4 in., 95 to 100 deg., with centigrade and Fahrenheit scales, in silver case, Fig. 658 . . . . . | 1 1 0  |
| Casella's Patent Safety Clinical Thermometer, 4 or 6 in., in case . . . . .                                                    | 0 15 0 |
| Sibson's Thermometers, per pair, in morocco case . . . . .                                                                     | 2 2 0  |

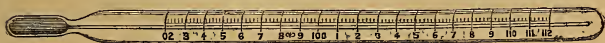


FIG. 659.

|                                                                                |        |
|--------------------------------------------------------------------------------|--------|
| Gower's Pocket Thermometer, 4 in. 95 to 112 deg., Fig. 659 . . . . .           | 0 18 6 |
| Murchison's Pocket Thermometer, 5 in., 90 to 110 deg., in ivory case . . . . . | 0 13 6 |

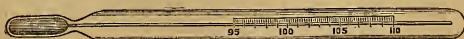


FIG. 660.

|                                                                                        |        |
|----------------------------------------------------------------------------------------|--------|
| Squire's Pocket Thermometer, 3 in., 95 to 110 deg., in silver case, Fig. 660 . . . . . | 0 15 0 |
|----------------------------------------------------------------------------------------|--------|

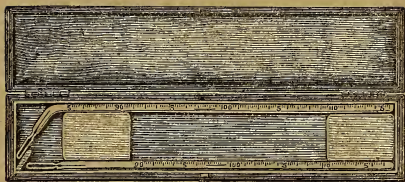


FIG. 661.

Dr. Teale's Clinical Thermometers, with one bent bulb  
and one straight for surface or axilla, Fig. 661 . . . £0 15 0



FIG. 662.

Bath Thermometer, Fig. 662 . . . 2s., 3s., 0 5 0



FIG. 663.

Boxwood Thermometer, plain, Fig. 663 . . . 0 1 0  
Ditto polished . . . 1s. 6d. 0 2 0  
Ditto with enamel tube . . . 0 2 6



FIG. 664.

Boxwood Thermometer, with enamel tube, the scale  
bevelled at the edges, very superior, Fig. 664 3s. 6d., 0 4 6



FIG. 665.

Chemical Thermometer, with brass hinge and jointed  
boxwood scale to 400°, Fig. 665 . . . 0 7 6  
Ditto ditto 600° . . . 0 12 6



FIG. 666.

Chemical Thermometer, in wooden case . . . 0 5 0  
Ditto ditto graduated to  
400° . . . 0 6 0  
Ebony Thermometer, with ivory scale . . . 0 12 6  
Phillip's ditto ditto with air index 0 7 6



FIG. 667.

Porcelain minimum Thermometer, Fig. 667 . . . £0 3 6

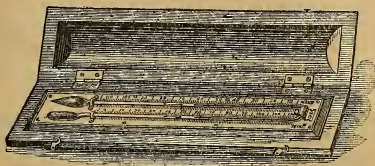


FIG. 668.

Self-registering Thermometer, one each maximum and minimum, in morocco case, complete, Fig. 668 . . . 1 1 0



FIG. 669.

Self-registering Maximum and Minimum Thermometer, in morocco case, ivory scale, Fig. 669 . . . 0 12 6

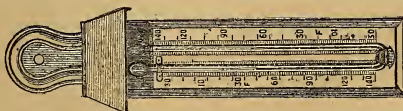


FIG. 670.

Six's minimum Thermometer, on boxwood or metal scale, in japanned case, Fig. 670 7s. 6d., 10s. 6d., 15s., 17s., 1 1 0



FIG. 671.

Rutherford's self-registering Thermometer, on metal scale, with steel index, Fig. 671 . . . 3s. 6d. 0 7 6





FIG. 672.

Spirit] Thermometer, Fahrenheit and Centigrade scales,  
 enamel tube, metal guards, and mount hand divided,  
 and figured on scale, Fig. 672 . . . 8s., 9s., and £0 11 0



FIG. 673.

Standard Thermometer, Arnold and Sons' improved, in  
 morocco case, complete, Fig. 673 . . . 1 10 0

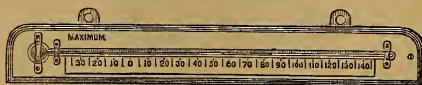


FIG. 674.

Standard Maximum Thermometer, Fig. 674 . . . 0 17 6

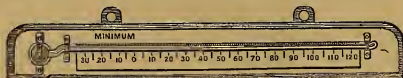


FIG. 675

Standard Minimum Thermometer, Fig. 675 . . . 1 15 0

Books of 25 Charts, for Clinical Thermometers. in cloth . 0 2 0  
 Ditto 50 ditto in leather covers and elastic bands 0 4 0  
 Ditto 100 ditto ditto . 0 8 0

~~~~~  
 Aneroid Barometer, in case . . . 1 1 0
 Ditto in solid oak frame, with Thermo-
 meter . . . 2 2 0
 Board of Trade metal Marine Barometer . . . 4 4 0
 Carved solid oak Barometer, with enamel or ivory scales
 and double rack . . . 5 5 0

Large carved solid oak Barometer, with enamel or ivory scales, double rack, and floating gauge	£6	6	0
Model Barometer, with ivory scale and sliding vernier	£1 1s.,	2	2 9
Square top solid oak Sea-coast Barometer, with ivory scales and double rack		2	10 0
Watch Aneroid Barometer, in metal case		4	4 0
Wheel Barometer, in various wood	£1 10s. to	4	4 0



FIG. 676.

Argentometer, for nitrate of silver	0	2	6
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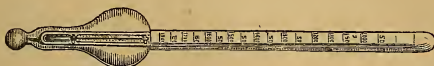


FIG. 677.

Glass Hydrometer, for heavy fluids, Fig. 677	0	3	6
--	---	---	---



FIG. 678.

Glass Proof Hydrometer, for spirits, Fig. 678	0	2	6
---	---	---	---

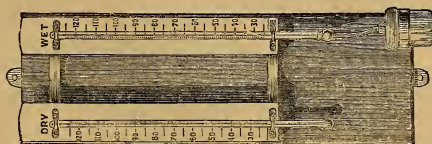


FIG. 679.

Mason's Wet and Dry Bulb Hygrometer, on stand, Fig. 679	1	15	0
---	---	----	---

A valuable instrument in the sick chamber, for by its means an artificial humidity and temperature of the air can be maintained, in many cases so essential to recovery.

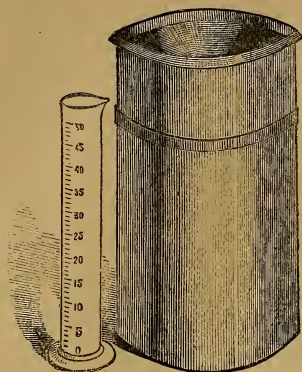


FIG. 680.

Rain Gauge, Glaisher's, complete in japanned tin, Fig.

680	£0 16 0
Ditto in copper	1 10 0



FIG. 681.

Rain Gauge, Howard's, complete in japanned tin, Fig.

681	0 8 0
Ditto ditto in copper	0 12 0

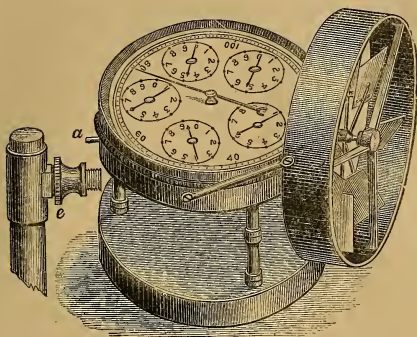


FIG. 682.

Air Meter, improved £3 3s., £4 4s., and £5 5 0

The above instrument is for measuring the velocity of air currents in hospitals, &c.

UTERINE INSTRUMENTS.

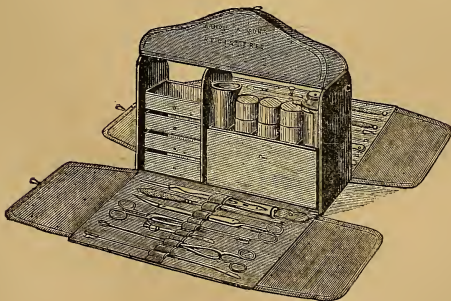


FIG. 683.

Arnold and Sons' Gynæcological Bag, Registered, Fig. 683, suggested by Dr. Greenhalgh, containing two Fergusson's Specula, large and small; one plated Bivalve Specula; two Sounds, large and small; two Scarifying

Lancets ; two Uterine Knives ; Ellis's Uterine Dilator ; Speculum Forceps, cross or compound action, Spring Holder, potassa fusa ; Arnold and Sons' seamless tube ; Caustic Holder ; Sponge Holder ; Sims' Double hook ; Sims' Double Screw ; Sims' Curette ; MacIntock's Ovum Forceps. improved ; Dr. Greenhalgh's Bilateral Metrotome ; curved Speculum Scissors ; Bloxam's chloroform Bottle ; Female Catheter, Silver ; four Dr. Greenhalgh's Spring Pessaries ; six ditto Laminaria Tents ; six short Tents ; twelve Perforated Sponge Tents ; Dr. Godson's Sponge and Laminaria Tent Introducer ; three Dr. Greenhalgh's perforated Vulcanite Stems ; Introducing Sound for ditto ; two Dr. Greenhalgh's Spring Stems ; Introductory Sound for Stems ; four small Stoppered Bottles for potassa fusa ; Argent. Nitr. ; Acid Chromic, &c. ; 1 oz. Bottle for Glycerine ; Drawers for cotton wool ; Medicated Suppositories, &c.			
The Registered Bag, complete, as above . . .	£21	0	0
Gynæcological Bag, without instruments, but with drawers, divisions, cases, &c., in Morocco leather . .	3	3	0
Arnold & Sons' Complete set of Instruments, in mahogany case, for Vesico and Recto-Vaginal Fistula :—Sims' duck-bill Speculum, curved Knife (right), curved Knife (left), straight Knife, two Knives (double edge), curved Scissors, two tubular Needles, Wire Twister, fine Hook, fine Fork, two pairs Vulsellum Forceps, spring Tenaculum Forceps. The above set complete . . .	6	6	0
Caustic Holder, Ellis's	0	18	0
Cauterizing Irons	3s. 6d.	0	6
Ditto Smith's telescopic	0	7	6
Chloroform Inhalers, see pages 214 to 219			
Director, Brown's, electro-plated	0	5	0



FIG. 684.

Double Cork Screw, Sims', Fig. 684	0	7	6
Ecraseurs, see pages 100 and 101			
Exploring Trocar, Simpson's silver	0	10	6
Female Catheters, see pages 43 and 59.			
Forceps, straight, for securing the bar clamp	0	4	0
Ditto curved, ditto	0	4	0
Ditto with Tenaculum points, for Clitorodectomy	0	5	0



FIG. 685.

Forceps, Speculum, Fig. 685 . . .	6s. 6d., 7s. 6d., and £0 8 6
Instrument, Dr. Barnes', for introducing pledgets of cotton wool into the vagina . . .	0 15 0
Ditto improved, by Dr. Clement Godson	12s. 6d., and 1 1 0



FIG. 686.



FIG. 687.

Instrument for Uterine Medication, Dr. Lombe Atthill's, with platinum canula, complete Figs. 686 and 687 . . .	1 15 0
Ditto, improved, with vulcanite canula . . .	1 1 0

Extract from *Medical Press and Circular*, April 30th, 1873.—“The canula fixed on the stilette may be passed into the uterus just as a sound ordinarily is, and the index finger of the left hand being kept in contact with the disc so as to prevent its slipping out of the cervical canal, the stilette is withdrawn. A Ferguson's speculum is then introduced, and a long uterine probe with a little cotton rolled round it dipped into the agent selected, is passed through the canula into the uterus. The probe and canula can be withdrawn together.”

Intra-Uterine Galvanic Stem, Sir J. Simpson's . . .	0 5 6
---	-------



FIG. 688.



FIG. 689.

Intra-Uterine Stems, Dr. Greenhalgh's Expanding and
Self-retaining Tubular, vulcanite and metallic, Fig. 688 £0 4 0

Possess the following advantages :—Ease of introduction ; allow the secretions of the cavity of the uterus to pass through ; not liable to slip out ; by pressure against the cut surfaces after division of the cervix uteri, prevent hæmorrhage ; can be retained for any period ; incorrosive, and avoid the necessity for local dressings.

Introducer for ditto		0	3	6
Ditto	plated, in ivory handle, Fig. 689	0	5	0



FIG. 690.

Intra-Uterine Stem, Dr. Greenhalgh's perforated vulcanite, 6 sizes, Fig. 690 each 0 3 0

Advantages :—Facility of introduction, escape of uterine secretion, incorrosive.

Introducer for ditto		0	3	6
Ditto	plated, in ivory handle	0	5	0
Intra-Uterine Stem, Sir J. Simpson's German-silver	3s. 6d.	0	5	0
Set of ditto, in case		2	5	0
Intra-Uterine Stem, Dr. H. Bennett's silver	5s. to	0	7	6
Set of ditto, in case		2	17	6
Intra-Uterine Stem, Dr. Greenhalgh's jointed, for ante-flexion		0	7	6
Intra-Uterine Stem, Dr. Greenhalgh's jointed galvanic self-retaining perforated	each	0	7	6

Secure facility of introduction, adaptability to the movements of the uterus, free escape of the uterine secretions, little liability to slip.

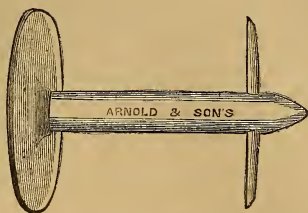


FIG. 691.

Intra-Uterine Stem, Dr. Greenhalgh's flexible
india rubber, Fig. 691 £0 3 0



FIG. 692.

Intra-Uterine Stem, Dr. Greenhalgh's im-
proved flexible india-rubber, self-retaining,
for flexions and strictures of the uterus,
Fig. 692 0 3 6



FIG. 693.

Knife, Sims' fine, various shapes, Fig. 693 . . 0 7 6
Laminaria Tents, solid per doz. 0 4 0



FIG. 694.



FIG. 695.



FIG. 696.

Leather Case, containing Silver seamless Tube
Caustic Holder, with Platina Quill, Scari-
fying Lancet, and Sponge Holder, Figs.
694, 695, 696 1 10 0
Ditto ditto with porcupine
quill handles 1 15 0

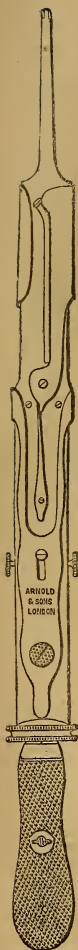


FIG. 697.

Metrotome, Dr. Greenhalgh's Bilateral, with spring stems
and Introducer, in morocco case, complete, Fig. 697 . £4 4 0

The advantages of this instrument are—smallness of uterine extremity; facility of introduction; acts obliquely with exactitude from within outwards; can be accurately adjusted to cut little or much, on one or both sides; blades protected by sheath, so as to avoid injury to the vaginal walls; can be used without the speculum or exposure; when duly regulated no risk of hæmorrhage.

Metrotome, Sir J. Simpson's	.	.	.	.	.	1	10	0
Ditto Sims'	.	.	.	.	.	2	2	0
Ditto Mathieu's	.	.	.	.	.	2	12	6



FIG. 698.

Metrotome, Routh's, Fig. 698	.	.	.	.	.	2	5	0
Ditto Aveling's	.	.	.	.	.	1	10	0



FIG. 699.

Metrometer Sound, Dr. Greenhalgh's, for measuring
any part of the cavity of the uterus in its long axis, or
from side to side, or back to front, Fig. 699 . . . 2 2 0

This instrument consists of a canula traversed by a movable shaft, at one extremity of which are two probe-pointed watch-springs, at the other a graduated scale, indicating, when liberated by a screw, the amount of divergence taking place within the cavity of the uterus, and hence its dimensions.



FIG. 700.

Needle Holding Forceps, Arnold & Sons' improved, Fig.
700 1 1 0



FIG. 701.

Needle-holding Forceps, Fig. 701 £0 7 6

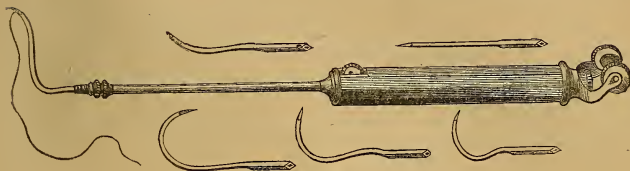


FIG. 702.

Needle Holder, Tyler Smith's, with pinion movement for threading needles, six needles of various curves, and reel for suture wire, in case complete, Fig. 702	2	15	0
Needle, curved tubular, for lacerated perineum	0	7	6
Needle, Sims' tubular	0	4	6
Ditto Simpson's	0	4	6
Ovum Forceps, MacIntock's	0	15	0
Ditto ditto Improved	0	15	0
Ditto Sir J. Simpson's	0	10	0
Ditto Dr. Godson's	1	1	0

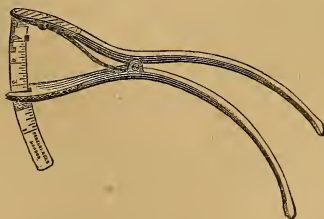


FIG. 703.

Pelvimeter, Dr. Earle's new, Fig. 703 1 10 0

It consists of a pair of curved blades seven inches long, ending in two small bulbs, and kept in position by a steel spring placed between the handles. Fixed to one of the handles is a steel plate, engraved as an index. By compress-

ing the handles the blades are separated, and made to touch the sacrum and pelvis respectively. On the index externally is expressed the extent of the separation of the arms internally.

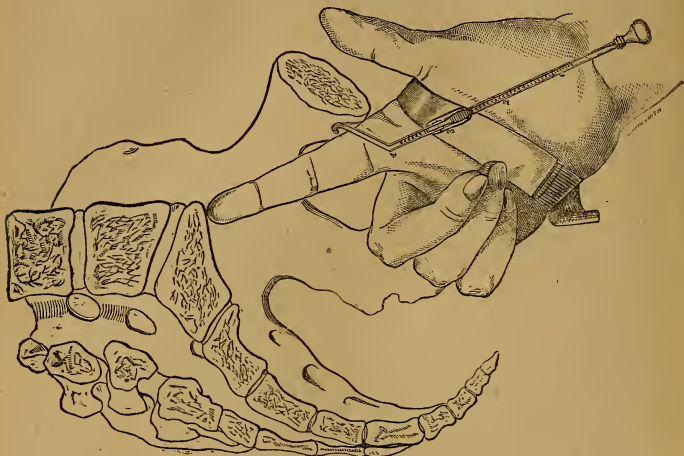


FIG. 704.

Pelvimeter, Dr. Greenhalgh's, for giving exactitude to the finger in admeasurements of the pelvis, Fig. 704 . £2 2 0

This instrument consists of a band of flexible metal, the extremities of which are connected by india-rubber webbing: can be firmly adjusted to any hand. To its upper extremity is attached a crutch, to fix the index finger, while at the lower end is a graduated scale and movable button. From the centre of the band is a shaft, which can be fixed by a catch, moveable from before backwards and from above downwards, which can be regulated at the scale.

Pessaries, see pages 108 to 113.

Platina Cup for Fusing Nitrate of Silver, Dr. Bantock's 0 12 6



FIG. 705.

Polyprite, Aveling's, for uterine polypus, Fig. 705 . . 1 10 0
Probe for applying Nitrate of Silver, Dr. Bantock's . . 0 4 0



FIG. 706.

Puncturing Lancet, Dr. Greenhalgh's, Fig. 706 . . 0 6 0

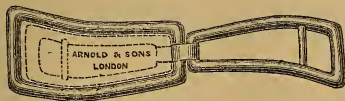


FIG. 707.

Retractor, Cooper's, Fig. 707	£0	12	6
Scalpel, Sims' revolving, with ball-and-socket joint, to fix at any required angle	1	1	0
Scissors and Forceps combined, Mathieu's cross-action	1	10	0
Scissors, double-curve, for removing polypi uteri	0	10	6
Ditto single-curve, ditto	0	7	0
Ditto for dividing the cervix, Dr. J. B. Brown's	0	10	6
Ditto ditto Dr. M. Sims'	0	15	0
Blunt-pointed Knife ditto ditto	0	17	6

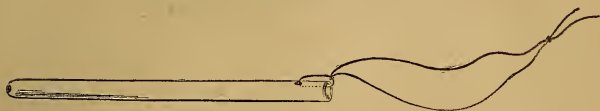


FIG. 708.

Sea Tangle Tents, Dr. Greenhalgh's improved perforated and tapering, long and short, Fig. 708 . . . per doz. 0 5 0

Possess the following advantages:—Facility of introduction, rapidity of expansion, softness, drain for uterine secretions.



FIG. 709.

Sea Tangle Tents, solid, Fig. 709 . . . per doz. 0 3 6
 Ditto and Sponge combined, Dr. Wiltshire's 0 8 0
 Set of three Knives, in morocco case, for paring the edges in vesico-vaginal fistula . . . 0 17 6



FIG. 710.

Sharp Hook, Sims' fine, Fig. 710 . . . 0 6 0



FIG. 711.

Sharp Hook, Sims', Fig. 711 £0 6 0



FIG. 712.

Shot Depressor, Fig. 712 0 6 0
Sigmoid Silver Catheter, Sims' 0 6 0



FIG. 713.

Silver Canula, Gooch's, for polypus uteri, Fig. 713 . . . 1 1 0
Ditto ditto with German-silver rack . . . 1 6 0
Ditto ditto complete, with cog-wheel . . . 1 10 0
Sims' Hooks, various 0 6 0
Ditto Tampon Holder 0 17 6
Speculums, see pages 203 to 211.
Speculum Caustic Holder, with ebony handle, 7s. 6d. and 0 12 6
Ditto Lint Holder 0 4 0
Ditto Scarifying Lancet 0 4 0
Speculum Forceps, Dr. H. Bennett's cross-jointed . . . 0 5 0
Ditto ditto plated 0 8 6
Ditto ditto gilt . 0 10 0



FIG. 714.

Speculum Forceps, Arnold & Sons' improved, with cross
action, Fig. 714 0 15 0



FIG. 715.

Sponge and Laminaria Tent Introducer, Dr. Godson's, with 3 jointed points, Fig. 715	£1 1 0
Ditto ditto with 1 jointed end	0 15 0

Extract from *St. Bartholomew's Hospital Reports*, 1875.—“The instrument by means of which the tent is placed in position is made for me by Messrs. Arnold and Sons, of West Smithfield. It entirely obviates the use of the speculum, and being provided with what is equivalent to a universal joint, it enables the tent to be pushed without extraneous guidance between the cervix and the membranes. The apparatus and the mode of its application are so simple and so free from inconvenience and danger, that its use causes in practice little or no anxiety on the part of the patient, and until labour sets in she moves about without pain or inconvenience, regardless of the presence of the tent.”

Extract from *Lancet*, April 22nd, 1871.—“The novelty of this instrument consists in the point intended for the reception of the tent being connected to the stilette by means of a screw, which permits of rotation, and of a small hinge-joint immediately above the screw, which gives a free lateral movement. The combination of these two contrivances confers on the point and the tent attached to it all the range of movement of a ball-and-socket joint, and enables the tent to find its way easily and without violence through the cervix. It possesses an additional advantage of permitting the introduction to be made without the aid of a speculum.”

Sponge Forceps, for holding sponge	0 5 0
Sponge Tent Forceps, Sims'	0 15 0
Sponge Tents, perforated, coated with wax	per doz. 0 5 0
Sponge Tents, Sims'	ditto 0 3 0



FIG. 716.

Sponge Tents, Sims', Arnold and Sons' Improved, perforated, very superior, Fig. 716	per doz. 0 4 0
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FIG. 717.

Suture Wire Twister, Simpson's, Fig. 717	0 6 0
Syphon Douche, with elastic tube, for injecting per- chloride of iron in post-partum hæmorrhage	0 10 0

Syringe, Dr. Hall's, with tapering Silver Tube, for injecting the whole surface of the uterine cavity with the caustic fluid without incurring the risk (through distension) of the fluid entering the Fallopian tubes . . . £0 15 0



FIG. 718.

Tumour Forceps, Dr. Godson's improved, Fig. 718. . . 1 1 0



FIG. 719.

Tumour Forceps, with rack, Fig. 719	0 15 0
Uterine Depletor, Dr. Clement Godson's, with two or three blades, in ebony case 7s. 6d. and	0 10 0
Ditto ditto for hospital use, with eighteen blades, various sizes, complete, in morocco case	2 2 0
Uterine Compress, Pretty's	1 10 0
Ditto Curette, Dr. Tilt's	0 6 6

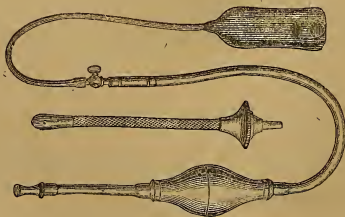


FIG 720.

Dr. Barnes' complete set of india-rubber Dilators, with mounts, stopcocks, &c., fitted to Higginson's Syringe, the set, complete, in case, Fig. 720 1 5 0



FIG. 721.

Uterine Dilator, Dr. Priestley's, Fig. 721	.	.	£1	15	0
Ditto ditto plated	.	.	.	2	0
Ditto Dr. Ellis's	.	.	.	1	15
Ditto ditto ditto	.	.	.	2	0

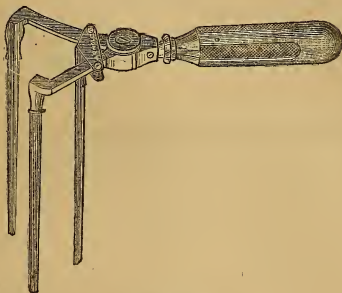


FIG. 722.

Uterine Dilator, with regulating screw, Fig. 722	.	.	2	2	0
Urethral Dilator, Fluid	.	.	0	16	0
ditto for dilating the os uteri, the dilating tube size of No. 2 Catheter, and will expand to size of No. 12	.	.	0	13	0
Uterine Lancet, Dr. Hall's, for puncturing the cervix uteri, in ebony case	.	.	0	5	0



FIG. 723.

Uterine Polypi Forceps, Fig. 723	0	8	6
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Uterine Probe, Dr. Hall's flexible silver	£0	7	0
Ditto Case, Dr. H. Bennett's, containing Simpson's			
Uterine Sound, cross-action Forceps, Sponge Tent			
Introducer, Caustic Case, Potassa Fusa or Lint Holder ;			
the set, complete	2	2	0



FIG. 724.



FIG. 725.

Playfair's Uterine Probes, for intra-uterine medication, with handles, complete, Figs. 724 and 725, set of three	0	10	6
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FIG. 726.

Uterine Scissors, Fig. 726	0	6	6
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FIG. 727.

Uterine Scissors, blunt point, Fig. 727	0	6	6
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FIG. 728.

Uterine Scissors, Dr. Heywood Smith's, can be adjusted at any angle, Fig. 728	2	2	0
Uterine Sound, Sims'	0	10	6
Ditto ditto adjustable, with ball-and-socket movement	0	15	0

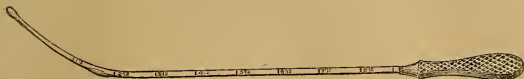


FIG. 729.

Uterine Sound, Sir J. Simpson's, Fig. 729	£0	6	6
Ditto ditto jointed for portability	0	9	6
Ditto Dr. Hall's, with soft flexible silver point	0	11	6

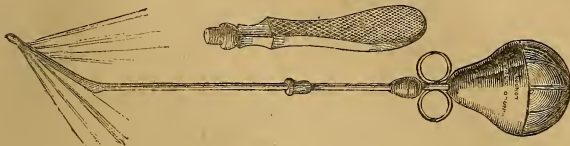


FIG. 730.

Uterine Syringe and Sound combined, plated, Fig. 730	1	1	0
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Extract from *Lancet*, Oct. 16th, 1875.—“A combination of uterine sound and syringe is a desideratum which has been found in use most convenient. It can be used as an ordinary sound, but when, as in many cases, it is desired to introduce fluid into the cavity of the uterus, the combination will be found extremely convenient, inasmuch as the douche can be effected without the necessity of removing the sound.”

Vaginal Plugs, Dr. Greenhalgh's spongio-piline and air or water, three sizes, the set complete	1	1	0
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Possess facility of introduction and removal, accurate and comfortable adaptability.



FIG. 731.

Vulsellum Forceps, Fig. 731	0	7	6
Ditto with rack	0	10	6



FIG. 732.

Wire Adjuster, angled, Fig. 732	0	6	0
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FIG. 733.

Wire Adjuster, curved, Fig. 733 £0 6 0



FIG. 734.

Wire Adjuster, forked, Fig. 734 0 6 0

OVARIOTOMY INSTRUMENTS.

Ovariotomy Case, as suggested by Mr. Spencer Wells :

Spencer Wells' large Clamp Forceps.

Ditto small ditto.

Brown's Clamp.

Spencer Wells' Ovariotomy Clamps, the set of three.

Vulsellum Forceps.

Two Matthews' Forceps.

Two Spencer Wells' Needle-holders.

Large Cyst Trocar, with three feet spiral tubing.

Trocar for tapping, with tube.

Hook with four sharp points.

Ditto two ditto.

Ecraseur.

Three pairs Improved Artery Forceps.

Three pairs Spencer Wells' ditto.

Three pairs Liston's ditto.

Long Spring Forceps.

Medium ditto.

Small ditto.

Forceps for cutting wire.

Malowsky's Cautery Forceps.

Pair Scissors, curved.

Two pair ditto, straight.

Four Scalpels.

Two Bistouries.

Three Dieffenbach's Artery Forceps.

Two Vulcanite Female Catheters.

Two dozen straight Needles.

Four skeins Silk-wire, Whipcord, &c.

The case complete, as above 25 15 0

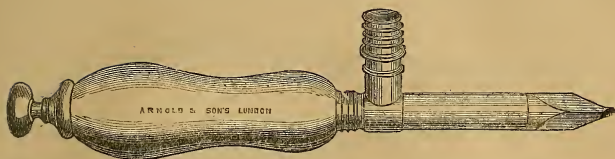


FIG. 735.

Ovariectomy Syphon Trocar, Spencer Wells', with side branch, small, Fig. 735				£1	7	6
Ditto	ditto	ditto	medium	1	12	6
Ditto	ditto	ditto	large	2	0	0

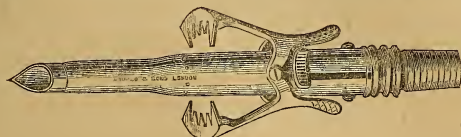


FIG. 736.

Ovariectomy Syphon Trocar, Spencer Wells', with hooks for securing the tumour, Fig. 736				2	2	0
Forceps, serrated mouth				0	13	0
Ditto Matthieu's cross-action				0	16	0
Ovariectomy Hook, in ebony handle				0	6	0
Ovariectomy Clamp, Spencer Wells, with circular clip, to impinge the pedicle				3	10	0
Ditto	ditto	for grasping the pedicle		1	10	0
Ditto	Hutchinson's			0	17	6
Ditto	World's			0	15	0
Ditto	Baker Brown's			1	15	0
Cautery Iron, Baker Brown's				0	4	6
Tumour Forceps, fenestrated				0	12	0

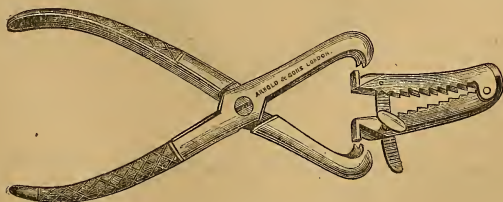


FIG. 737.

Ovariectomy Clamp, Improved, (three), with forceps, complete, Fig. 737				2	10	0
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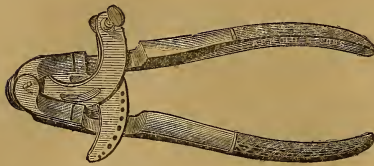


FIG. 738.

Ovariotomy Clamp, Spencer Wells' improved, with forceps and three clamps, Fig. 738	£3	0	0
Arnold and Sons' Case, containing Ovariotomy Clamp, syphon Trocar, and two Cauterizing Irons	2	10	0

INSTRUMENTS FOR THE EAR AND NOSE.

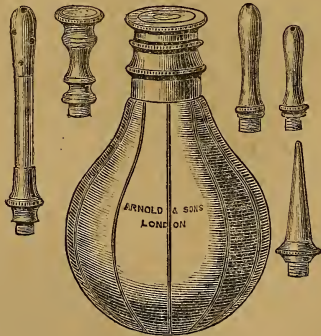


FIG. 739.

Arnold and Sons' Universal Syringe, Registered, Fig. 739	0	10	6
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The above syringe has rectum, vaginal, eye, ear, nose pipes, &c., fitting one brass mount.

Artificial Tympanum, Toynbee's	0	1	0
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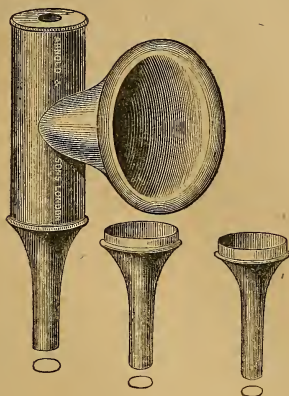


FIG. 740.

Auroscope, Brunton's, with three Speculums, complete, in case, Fig. 740	£1	7	6
Ditto Hinton's Compound, with lamp, complete, for examining the ear	3	5	0
Ditto Weber's, with reflecting Mirror, bi-convex lens, and three Ear Speculums, in case	1	10	6
Ditto Dr. Morison's Improved	6	6	0
Canula for Epistaxis, Bellocq's, with spring, plated	0	6	0
Ditto ditto ditto silver	0	7	6
Case containing Arnold and Sons' 4 oz. brass Ear Syringe, spring Ear Channel, and plated Ear Speculum	1	1	0

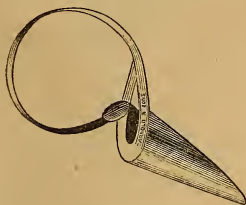


FIG. 741.

Ear Channel, Arnold and Sons' Improved, Fig. 741	0	4	6
Ditto with rubber band	0	2	0

Ear Douche, Lund's, complete	£1	1	0
Ear Forceps, Arnold and Sons' fenestrated	0	7	0
Ditto Avery's	0	16	0
Ditto Hillman's bent	0	5	0
Ditto Wilde's	0	5	6
Ditto Toynbee's Angular	0	8	6



FIG. 742.

Ear Forceps, Toynbee's Improved cross-action, Fig. 742	0	14	0
Ditto Yearsley's	0	4	6
Ear Scoop, Liston's	0	2	6



FIG. 743.

Ear Scoop, Imray's, with fenestrated mouth, Fig. 743	0	4	0
Ditto ditto Double	0	5	0

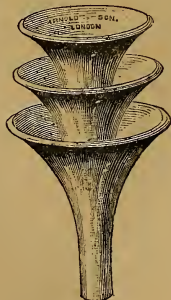


FIG. 744.

Ear Speculum, Arnold and Sons' Improved, electro silver plated, Fig. 744	per set of three	0	15	0
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They are made with a trumpet-shaped external opening, thereby facilitating the introduction of light; consequently greater illuminating and reflective power is gained.



FIG. 745.

Ear Speculum, Toynbee's, the set of three, electro-plated,

Fig. 745	.	.	.	.	.	£0	10	6
Ditto	ditto	stout silver	.	per set of three		1	0	0

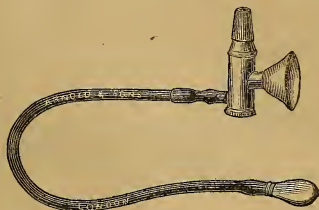


FIG. 746.

Ear Speculum, Morison's Pneumatic, Fig. 746

.	.	.	.	.	.	2	2	0
Ditto	Voltolini's	ditto	.	.	.	2	0	0

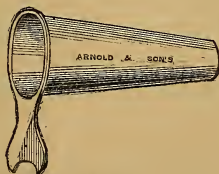


FIG. 747.

Ear Speculum, Wilde's electro-plated, Fig. 747

.	.	.	.	.	.	0	8	6
Ditto	ditto	stout silver	.	.	.	0	17	6



FIG. 748.

Ear Speculum, Yearsley's, electro-plated, Fig. 748

.	.	.	.	.	.	0	10	6
Ditto	ditto	stout silver	.	.	.	1	0	0

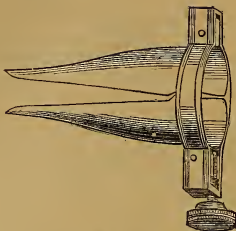


FIG. 749.

Ear Speculum, Arnold and Sons' screw-lever, Fig. 749	£0	10	6
Ditto ditto Spring	0	12	6



FIG. 750.

Ear Speculum, Kramer's, Fig. 750	0	10	6
Ditto Pilcher's	0	10	6
Ditto Turner's, plated	0	10	6
Ditto ditto silver	1	0	0
Ditto ivory, three sizes, in case, complete	0	10	6
Ear Syphon, Marshall's, with extra pipe for nose	0	6	6
Ditto with glass receiver and waste pipe, complete, in leather case	0	8	0

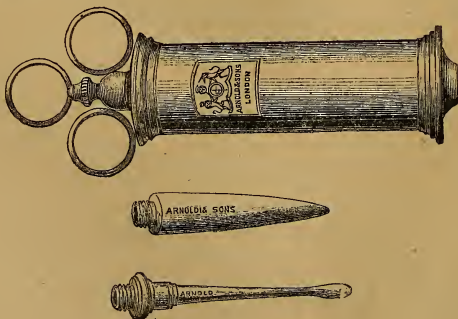


FIG. 751.

Ear Syringe, Arnold and Sons' portable, with brass rings for fingers (can be used with one hand), and fitted with Toynbee's or Abernethy's pipe, in leather case, 2 oz., Fig. 751				£0	12	6
Ditto	ditto	4 oz.		0	14	0
Ear Syringe, Arnold and Sons' Registered, with reversible pipe and brass cap				0	3	6
Ditto	with brass mounts, in leather case			0	4	6
Ditto	india-rubber, 1 oz.			0	1	6
Ditto	ditto 2 oz.			0	2	0
Ditto	ditto Arnold and Sons' brass, best quality,					
		1 oz.		0	4	6
Ditto	ditto	ditto	2 oz.	0	5	6
Ditto	ditto	ditto	4 oz.	0	8	0
Ditto	ditto, with extra large rim, 1 oz.			0	6	0
Ditto	ditto	ditto	2 oz.	0	8	0
Ditto	ditto	ditto	4 oz.	0	10	0
Ditto	ditto portable, containing (in the piston rod) three ivory pipes, 4 oz.			0	10	0



FIG. 752.

Epistaxis Portable Silver Catheter, Probe, Director, and Gunshot Probe, Shuter's, in case complete, Fig. 752				0	12	6
Eustachian Catheter, Kramer's silver				0	6	0
Ditto	Pilcher's ditto			0	8	0

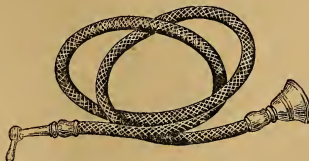


FIG. 753.

Flexible Conversation Tube, common	£0 5 0
Ditto with elastic spiral wire tubing,	
covered mohair and ebony mounts	9s. 6d., 12s. 6d. 0 15 0
Ditto tube silk covered	12s. 6d. 1 1 0
Ditto with best quality ivory mounts,	
	15s., 21s. 1 10 0
Arnold and Sons' Improved, with extra large ivory mounts	
and conical tube, collecting and conveying the sound	
more distinctly, Fig. 753	30s. 2 2 0



FIG. 754.

Forceps, Matthieu's, for extracting foreign bodies from	
the ear, Fig. 754	0 10 6
Hearing Cornets	per pair, 9s. to 0 14 0

These Instruments are arranged by means of a sliding spring, which can be at once adjusted to the size required.



FIG. 755.

Hearing Trumpet, Curtis's, Fig. 755	8s. to 0 14 0
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FIG. 756.

Hearing Trumpet, Curtis's Portable, Fig. 756	9s. 6d. 0 12 6
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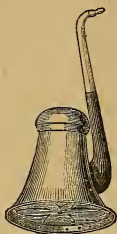


FIG. 757.

Hearing Trumpet, Portable, very powerful, Fig. 757

9s. 6d. £0 12 6



FIG. 758.

Hearing Trumpet, Martineu's, Fig. 758	9s. to	0 14 0
Ditto plain pattern		0 2 6
Ditto ditto, to slide		0 3 6



FIG. 759.

Hearing Trumpet, with two slides, as Fig. 759	0 6 6
Ditto vulcanite	3s. 0 5 6
Heath's Syphon Douche for injecting the nose	3s. 6d. 0 7 6
M. Leroy D'Etiolle's Instrument for extracting foreign bodies from the ear	1 1 0
Morocco case, lined silk velvet, containing three silver Ear Speculums; three Eustachian Catheters, silver; extra large Reflector, with metal swing frame and ad- justing screw, to arrange at any angle; Universal Handle for ditto; pair Ear Forceps. The set, com- plete	3 10 0

Nasal Catheter, Kramer's elastic	£0	3	0
Nasal Catheters, ditto with bottle, complete, in case per set of three	0	12	6
Nasal Douche, Arnold and Sons' Improved Syphon	0	5	0
Nasal Speculum, Arnold and Sons' Improved, gilt	0	10	6
Otoscope, Allen's	0	3	0
Ditto Toynbee's	0	10	6



FIG. 760.

Polypus Forceps, Fig. 760	5s.	0	7	6
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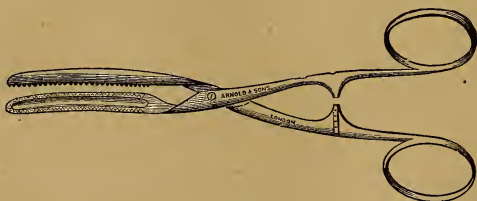


FIG. 761.

Polypus Forceps, Improved, with rack, Fig. 761	0	9	6
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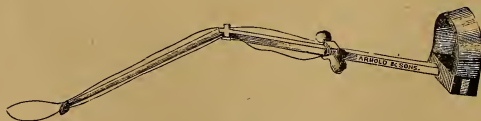


FIG. 762.

Polypus Snare, Wylde's	0	15	0
Ditto ditto Improved, Fig. 762	1	1	0
Syringe for injecting the nose	0	2	6

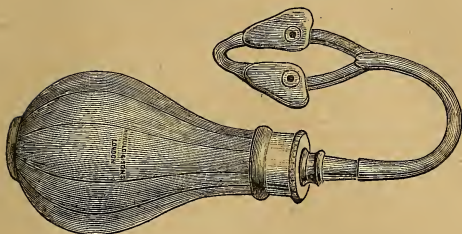


FIG. 763.

Politzer's Apparatus for passing air through the Eustachian tube, modified by Dr. Allen, Fig. 763 . . . £0 15 0

ELASTIC ENEMAS.



FIG. 764.

Arnold and Sons' Improved Portable Enema, Registered, as Fig. 764.

2 oz.	4 oz.	8 oz.	12 oz.	16 oz.	
3/6	4/6	5/-	5/9	7/6	fitted with brass mounts.
3/-	3/9	4/6	5/-	7/-	fitted with white metal mounts.

Extract from the *Lancet*, August 26th, 1871, p. 295.—“There are many

advantages in such an instrument. There is little liability of its getting out of repair. The instruments are fitted in various ways, and answer equally well as an enema or vaginal syringe."

Extract from the *British Medical Journal*, August 26th, 1871, p. 235.—
"Messrs. Arnold and Sons, of 35 and 36, West Smithfield, London, have brought out an excellent enema syringe, which consists of an india-rubber bottle fitted with a reversible pipe and mount, to which a cap is arranged, so that the enema can be carried about full of fluid ready for use."

Extract from the *Medical Times and Gazette*, August 19th, 1871, p. 236.—
"The advantages of such an instrument will be at once seen, as there is no possibility of its getting out of repair. The mounts are made of brass, and carefully tinned on the inner side and every part which comes in contact with the fluid, so as to prevent the possibility of corrosion."

Extract from the *Medical Press and Circular*, August 30th, 1871, p. 191.—
"One of those simple improvements that, when once tried, excite surprise that they were not thought of before, has been made by Messrs. Arnold and Sons in the elastic enema apparatus. We very strongly recommend this instrument, which is sure to please all who try it."

Elastic Enema, of very superior india-rubber :

1 oz.	2 oz.	3 oz.	4 oz.	6 oz.
2/-	2/3	3/-	3/9	4/3
8 oz.	10 oz.	12 oz.	14 oz.	16 oz.
4/9	5/3	5/6	6/-	6/6

Elastic Enema, fitted with elastic gum Rectum Tube, and metal mounts :

1 oz.	2 oz.	3 oz.	4 oz.	6 oz.
3/6	4/-	4/6	5/3	5/6
8 oz.	10 oz.	12 oz.	14 oz.	16 oz.
6/-	6/6	7/3	7/6	8/-

Elastic Enema, Gowlland's, with electro-plated mount, stopcock, and elastic gum web tube £0 9 6

Arnold and Sons' Improved Vaginal Syringe, Registered :

4 oz.	8 oz.	12 oz.	16 oz.	
5/-	5/6	6/3	8/-	fitted with brass mounts.
4/6	5/-	5/6	7/6	fitted with white metal mounts.

Elastic Vaginal Syringe, of very superior india-rubber, fitted with brass mounts :

4 oz.	6 oz.	8 oz.	10 oz.	12 oz.	14 oz.	16 oz.
4/9	5/3	5/9	6/3	6/6	7/-	7/6

Elastic Vaginal Syringe (Dr. Bird's), fitted with brass mounts and elastic gum vaginal tube :

4 oz.	8 oz.	12 oz.	16 oz.
5/-	5/6	6/6	7/6

Children's Elastic Syringe :

1 oz.	1½ oz.	2 oz.	3 oz.
1/3	1/6	2/-	3/-

Vaginal Syringe, with stopcock and elastic pipe . . . 0 12 0
Ditto ditto and two pipes . . . 0 13 6



FIG. 765.

Urethral Syringe, Elastic, Arnold and Sons' Registered,						
Fig. 765					£0	3 6
Ditto	ditto	plain, 1 oz.			0	1 6
Ditto	ditto	ditto, 2 oz.			0	2 6
Ditto	ditto	with elastic gum tube			0	1 6
Ditto	Durham's,	with vulcanite tube, complete			0	5 0
Ditto	Marshall's	ditto			0	7 0
Ditto	Teevan's				0	8 6
Hydrocele Syringe, Elastic, with stopcock					0	7 6

URINOMETERS, TEST GLASSES, ETC.

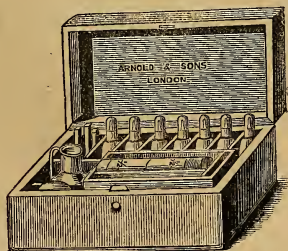


FIG. 766.

Arnold and Sons' Urinary Cabinet, containing Urino- meter ; Trial Glass ; Thermometer : Test Tubes ; Spirit Lamp (capped); one Glass Bottle (capped); Test Papers, &c. ; in morocco case, complete						
					1	7 6

Beale's Urinary Cabinet, containing Urinometer, graduated measure, pipette; Precipitate Washer; Stirring Rod; Watch Glasses: Test Tubes; Tube Holder; Test Papers; Microscopic Slide; thin Glass, Glass Spirit Lamp, with wire ring; eight Capped Bottles; for the following reagents: Nitric Acid, Acetic Acid, Ammonia, Potash, Nitrate Barytes, Nitrate Silver, Oxalate Ammonia. Complete, Fig. 766. £2 5 0

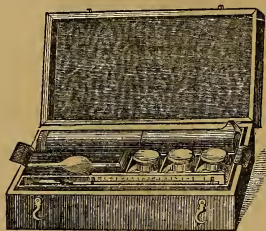


FIG. 767

Prout's Urinometer Case, containing Urinometer; Trial Glass; Thermometer; Test Tubes; Spirit Lamp(capped); three Bottles (capped); and Glass Pipette. Complete, in leather case, Fig. 767	1	10	0
Mahogany Case, containing Urinometer; Trial Glass; Test Tubes; Thermometer; three large Capped Bottles for acids; Spirit Lamp (capped); Pipette; Litmus and Turmeric Papers. Complete	1	17	6
Leather Case, containing Urinometer and Trial Glass	0	7	6
Morocco Case, containing Urinometer, Thermometer, and Graduated Trial Glass	0	13	0
Ditto ditto with Test Tubes, Litmus and Turmeric Paper	0	15	6
Urinometer	0	3	6
Ditto Arnold and Sons' Improved, with indelible markings	0	5	0
Ditto Patent Vulcanite	0	7	6
Ditto ditto with graduated Trial Glass, complete, in case	0	12	6
Ditto Metal, electro-gilt	0	12	6
Ditto ditto in case	0	13	6
Ditto Silver ditto ditto	1	1	0
Thermometer, superior	0	4	6

Graduated Test Glass	£0	1	3
Ditto with feet	0	1	6
Litmus Papers per book	0	0	2
Turmeric ditto ditto	0	0	2
Test Tubes per nest	0	0	8
Lenses, Coddington's, very superior, in metal frames,			
	7s. 6d.	0	10 6
Ditto Stanhope, in ivory	4s.	0	5 0

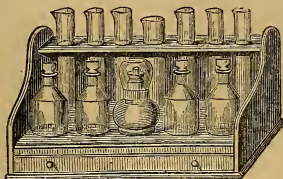


FIG. 768.

Arnold and Sons' Mahogany Urinary Stand, with drawer containing four stoppered Bottles, Spirit Lamp, six Test Tubes, Trial Glass, Urinometer, Litmus and Turmeric Papers, &c., Fig. 768	1	1	0
Arnold and Sons' Mahogany Test-Stand, containing Urinometer, Trial Glass, Thermometer, Chalk's Drop Bottle, Pipette, Stirring Rod, Watch Glasses, Microscopic Slides, Thin Glass, six Test Tubes, Tube Holder, glass Spirit Lamp, seven stoppered Bottles for the following reagents: Nitric Acid, Acetic Acid, Potash, Nitrate of Barytes, Ammonia, Oxalate of Ammonia, and Nitrate of Silver, Brass Forceps, Platinum Foil and Wire Blow-pipe, Litmus and Turmeric Papers, &c.	2	0	0

TREPHINING, NECROSIS, AND RESECTION INSTRUMENTS.

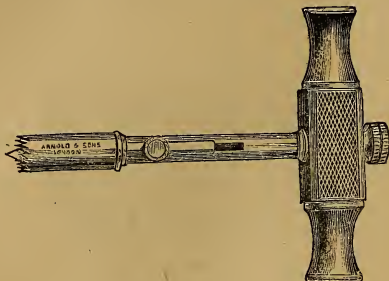


FIG. 769.

- Mahogany case, containing two Trephines (large and small), Hey's Skull Saw, Elevator and Skull Forceps, strong Scalpel (scale tang), Trephine Brush. The set, complete £2 2 0
- Superior Mahogany Case, brass bound and lined silk velvet, containing three superior Trephines, Hey's Skull Saw, Elevator and Skull Forceps, strong Scalpel (scale tang), Trephine brush. The set, complete 3 0 0
- Mahogany Necrosis Case, brass bound, lined silk velvet, containing Fergusson's Saw (folding back), Chain Saw, two pairs Fergusson's bone Forceps, three Hey's Skull Saws, Fergusson's Lion Forceps, straight Necrosis Forceps, curved Necrosis Forceps, curved Gouge, Gouge Forceps, two straight Gouges, two Marshall's Osteotribes, Necrosis Trephine, blunt and sharp Hooks, three Scalpels, Scale Tang Scalpel. The set, complete 8 8 0
- Arnold and Sons' complete Case in mahogany, brass bound, and lined silk velvet, for Amputating, Trepanning, and Necrosis, containing Butcher's Saw with spare blade, Amputating Saw, Fergusson's Saw with folding back, straight Fergusson's bone Forceps, curved ditto ditto, Fergusson's Lion Forceps, two Gouges, broad and narrow, pair Gouge Forceps, Marshall's Osteotribe, Chisel, two Trephines, Necrosis Trephine, two Necrosis For-

ceps, Hey's Skull Saw, Lenticular, two Elevators, Skull Forceps, Trepine Brush, three Amputating Knives, Catlin, two Finger Knives, strong Scalpel, three Scalpels, Liston's Artery Forceps, Spring Forceps, two Dieffenbach's Artery Forceps, Tenaculum, Tourniquet			
Needles, Silk. Complete	£14	0	0
Trepine, small, medium, and large	each	0	10 0
Semicircular Trepine		0	10 0
Two Trephines, fitting one handle (ebony)		0	17 6
Ditto in ivory handle		1	1 0
Three Trephines, fitting one handle (ebony)		1	5 6
Ditto in ivory		1	10 0
Gouge Forceps, Luer's, for resection		0	12 0
Ditto Hoffman's ditto		0	17 6
Ditto ditto curved, ditto		0	17 6

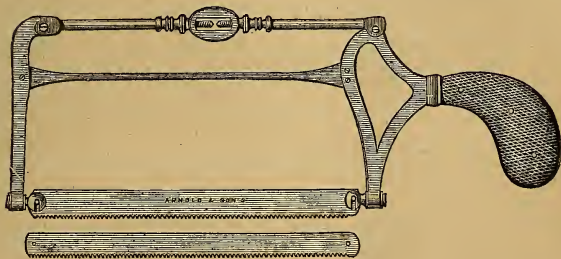


FIG. 770.

Butcher's Saw for excision, Fig. 770 1 15 0

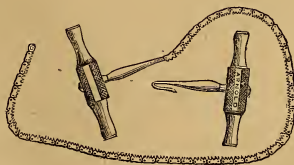


FIG. 771.

Chain Saw, Fig. 771 1 10 0
Ditto very superior 2 0 0



FIG. 772.

Bone Forceps, Sir W. Fergusson's straight, circular joints,				£0	10	6
Fig. 772	.	.	.	.	.	.
Ditto	ditto	curved	ditto	0	12	6
Ditto	ditto	oblique	ditto	0	12	6
Ditto	Liston's	7s. 6d., 8s. 6d., 9s. 6d., 11s. 6d.,		0	13	6
Ditto	small size, plain joint	.	.	0	5	0
Lion Forceps, Sir W. Fergusson's	.	.	7s. 6d.,	0	9	6
Elevator, plain	.	.	.	0	3	0
Ditto with handle	.	.	.	0	3	6



FIG. 773.

Chisels, straight (various), Fig. 773	0	3	6
---------------------------------------	---	---	---	---	---	---	---



FIG. 774.

Gouges, straight, Fig. 774	.	.	.	.	0	3	0
Ditto curved, right and left	.	.	.	each	0	3	6
Necrosis Forceps, plain straight	.	.	.	.	0	5	6
Ditto curved	.	.	.	.	0	6	0
Ditto double joints	.	.	.	.	0	7	6
Skull Saw, Hey's	.	.	.	.	0	5	0
Skull Forceps	.	.	.	.	0	4	6
Strong Scalpel	.	.	.	.	0	2	6
Jaw Saw, with blades of various widths	.	.	.	.	0	5	0
Ditto ditto jointed back	.	.	.	.	0	8	6
Antrum Perforator	.	.	.	4s.	0	6	6
Osteotomes, Marshall's, three sizes, in case, complete	.	.	.	.	0	15	0
Lenticulars	.	.	.	.	0	4	6
Liston's Screw Probe	.	.	.	.	0	3	0
Trephine Brush	.	.	.	.	0	1	0

SYRINGES, METAL AND GLASS.

Glass Syringes, Male or Female, best quality, per dozen :

$\frac{1}{4}$ oz.	$\frac{1}{2}$ oz.	1 oz.	$1\frac{1}{2}$ oz.	2 oz.	3 oz.	4 oz.
3/-	3/6	5/-	7/6	10/6	15/-	20/-

Glass Syringes, Male or Female, best quality, in best boxwood cases, per doz. :

$\frac{1}{4}$ oz.	$\frac{1}{2}$ oz.	1 oz.	$1\frac{1}{2}$ oz.	2 oz.	3 oz.	4 oz.
8/-	10/-	14/6	17/6	22/-	30/-	48/-

Glass Syringes, Male or Female, best quality, in strong leather cases, per doz. :

$\frac{1}{4}$ oz.	$\frac{1}{2}$ oz.	1 oz.	$1\frac{1}{2}$ oz.	2 oz.
6/6	8/6	12/-	15/6	18/-

Metal Male or Female Syringes, best quality, per dozen :

$\frac{1}{4}$ oz.	$\frac{1}{2}$ oz.	1 oz.	2 oz.	3 oz.
3/-	4/-	5/-	9/-	12/-

Female Syringe,	Clark's Glass	.	.	.	2s. 6d.	£0	3	0
Ditto	Clark's Metal, 2 oz.	.	.	.	.	0	1	6
Ditto	ditto	4 oz.	.	.	.	0	3	0
Ditto	Vance's	.	.	.	1s. 6d.	0	2	0
Ditto	Hamilton's Glass	.	.	.	2s. 6d.	0	3	0
Ditto	Hamilton's Metal, 3 oz.	.	.	.	.	0	2	6
Ditto	ditto	4 oz.	.	.	.	0	3	6
Ditto	Improved brass, with elastic pipe	.	.	.	.	0	7	6
Ditto	Arnold and Sons' Improved brass, with three finger rings and metal pipe	.	.	.	.	0	12	6
Sponge Syringe,	Locock's	.	.	.	.	0	3	6
Enema, Metal, best quality,	2 oz.	.	.	.	.	0	2	0
Ditto ditto	ditto 4 oz.	.	.	.	.	0	3	6
Ditto ditto	ditto 8 oz.	.	.	.	.	0	6	0
Ditto ditto	ditto 16 oz.	.	.	.	.	0	8	0
Ditto	Arnold and Sons' Improved brass, best quality,	.	.	.	4 oz.	0	7	6
Ditto	ditto	.	.	.	8 oz.	0	12	6
Ditto	ditto	.	.	.	16 oz.	0	17	6

GALVANIC BATTERIES, &c.

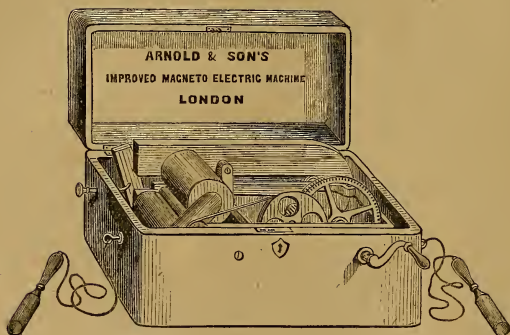


FIG. 775.

Electro-Magneto Machine, on marble stand . . .	£1	0	0
Ditto ditto plated . . .	1	5	0
Ditto in box, complete . . .	1	1	0
Electro-Magneto Machine, in mahogany case, very powerful, Fig. 775 . . .	1	10	0
Ditto with all modern improvements, in mahogany case, very powerful . . .	1	15	0
Electro-Magneto Machine, with strong circular magnet . . .	2	0	0
Ditto ditto very superior . . .	2	12	6
Ditto worked by means of the foot, thereby leaving both hands of the operator free . . .	3	3	0
Electro-Magnetic Battery, Gaiffe's . . .	2	10	0

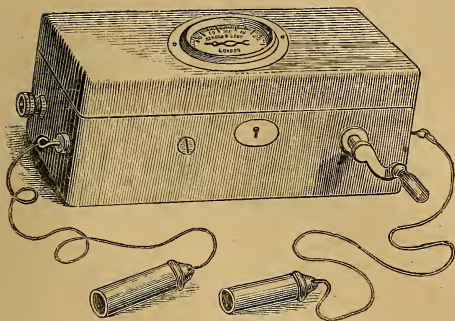


FIG. 776.

Arnold and Sons' Electro-Magneto Machine, with improved magnetic dial indicator, Fig. 776 £2 2 0

By means of a regulating dial on the top of a cabinet, the operator is enabled to gradually increase or decrease the power of the battery as required, and the strength of the current being recorded on the dial.

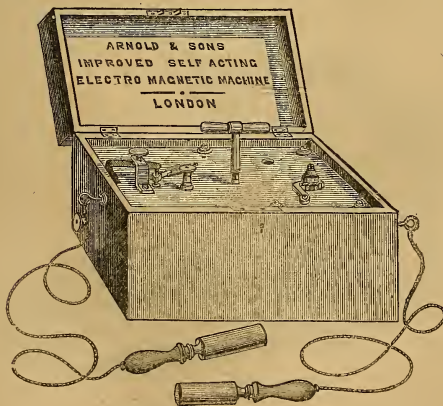


FIG. 777.

Arnold and Sons' Improved self-acting Electro-Magneto Machine, complete, Fig. 777 6 6 0



FIG. 778.

Mr. Cattlin's Apparatus for Galvanic Battery, Fig. 778 . £0 15 0

Extract from Mr. Cattlin's report in vol. iii, No. 6, of Odontological Society.—
 "A new Portable Battery, invented by Messrs. Arnold and Sons, of West Smithfield. At my suggestion they have adapted a spring with two plates, for the purpose of instantly conveying a galvanic current to any part of the human body, in case of suspended animation, under the use of anæsthetics. . . . I have tried the effect of this instrument upon the lower animals, and have found its action to be very perfect."

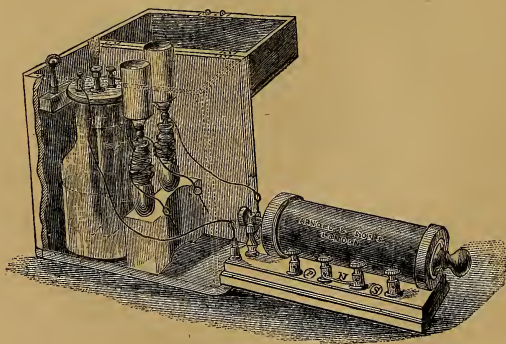


FIG. 779.

Arnold and Sons' Improved portable Bichromate Battery

Fig. 779 4 4 0

By a simple mechanical arrangement the zinc plate can at once be withdrawn

from the solution, and the action is thereby suspended. It can be left for any time without exhausting the plates; when required for use again, by simply letting down the zinc plate the action is immediately resumed. The current is easily regulated and almost continuous. The solution will last a length of time, is inexpensive, and can be renewed without trouble.

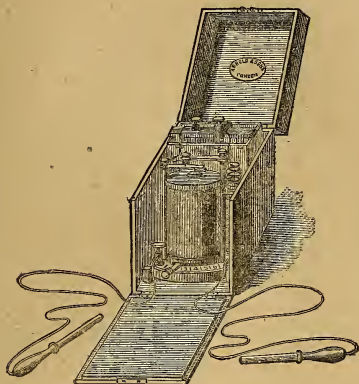


FIG. 780.

Arnold and Sons' Portable Battery, with glass cell and improved regulating gauge, complete, in mahogany case, very portable and powerful, Fig. 780£4 0 0

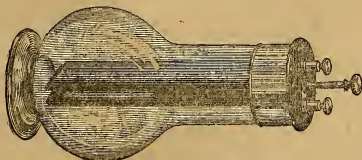


FIG. 781.

Bichromate Battery, No. 1, Fig. 781	.	.	.	.	0	12	6
Ditto No. 2	.	.	.	.	0	15	0
Ditto No. 3	.	.	.	.	1	0	0

Bichromate Battery consists of a glass vessel containing two plates of carbon

and one of zinc. Dissolve two ounces of bichromate of potash into one pint of water, using heat to hasten the solution, and when cold add one ounce of sulphuric acid.

Bunsen's Battery, 4×3	£0 5 0
Ditto $5 \times 3\frac{1}{4}$	0 6 6
Ditto $7 \times 3\frac{1}{4}$	0 8 6
Ditto $9 \times 4\frac{1}{4}$	0 12 6

Bunsen's Battery consists of an earthen jar, into which is placed a hollow cylinder of zinc, and inside this a porous tube and carbon plate.

Conductor for applying galvanism to the bladder	0 10 6
Ditto ditto for the ear	0 5 0
Ditto ditto ditto uterus	0 4 6
Ditto ditto ditto spine	0 6 6
Ditto ditto ditto throat	0 10 6
Ditto ditto ditto feet	0 5 0
Ditto ditto ditto teeth	0 5 0

Daniel's Battery, copper cylinder, 6×3	0 7 6
Ditto ditto 9×3	0 10 0
Ditto ditto 12×3	0 18 0

A set of six Batteries, 6×3 , in mahogany tray, with quantity and intensity connections, &c., complete	2 10 0
Ditto ditto ditto 9×3	3 10 0
Ditto ditto ditto 12×3	5 10 0

Daniel's Constant Battery consists of a cylindrical copper vessel, in which is placed a porous earthen tube, containing a rod of zinc amalgamated with mercury. Sulphuric acid one part to ten of water, which is to be put into the porous tube, and a saturated solution of sulphate of copper into the copper vessel.

Smee's Pint Batteries, set of six in mahogany tray, arranged for quantity and intensity	2 10 0
Ditto Quart ditto ditto	3 5 0
Ditto Pint Batteries, with ratchet arrangement, in mahogany, complete	3 10 0
Ditto Quart ditto	4 10 0

The great superiority of this battery consists in the little trouble required to put it in action, and the immense power obtained. Sulphuric acid one part to seven of water.

Grove's Nitric Acid Battery, with double amalgamated zinc plate, platinum plate, porous pot, and porcelain trough	7s. 6d., 10s. 6d., 0 12 6
A set of six batteries, complete, in mahogany tray	2 10 0
Ditto eight ditto, with quantity and intensity connections	5 0 0

Grove's Platinum Battery consists of a platinum plate placed into a flat porous earthen cell, surrounded with a double plate of amalgamated zinc, the whole

enclosed in a porcelain vessel. Nitric acid is placed in the porous pot in contact with the platinum, and dilute sulphuric acid in contact with the zinc.



FIG. 782.

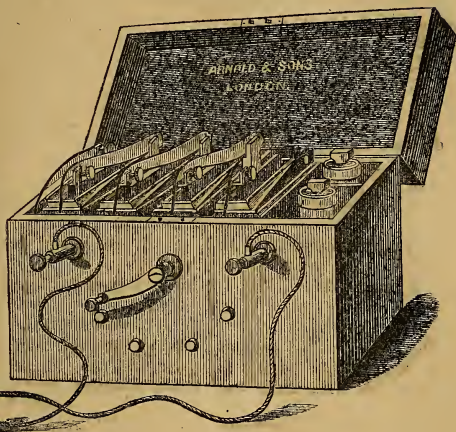


FIG. 783.

Galvanic Cautery Battery, Arnold and Sons' Improved,
in box, complete (without Ecraseur), Fig. 783 . . . £7 0 0
Galvanic Ecraseur, with curved and straight ends, pla-
tinum wire, &c., complete, in morocco case, Fig. 782 . . . 4 4 0



FIG. 784.

Gaiffe's Improved Chloride of Silver Medical Battery,
small size, in mahogany, Fig. 784 . . . 1 15 0
Ditto, large size, in ebonite box, with accessories nickelled 3 10 0
Ditto, small, in square mahogany box, for Hospital use 2 10 0
Ditto, large, ditto ditto 3 10 0

Gaiffe's Medical Sulphate of Mercury Battery, small size	£1 10 0
Ditto ditto large size	1 15 0
Mackenzie's Conductors for the throat . . . per pair	1 1 0
Pulvermacher's Chain Bands.	
No. 0, full electric power, 36, applicable for limbs . . .	1 2 0
1, less power 30, for the limbs and stomach	1 18 0
2, medium power, 24, for ditto	0 15 0
3, weak power, 16, for the head and face . . .	0 10 6
4, weakest power, 8, for the wrists and ankles	0 5 0
Broad Chain Bands for writers' cramp, trembling, nervousness, &c.	
No. 0, full power, 25, spinal band	1 2 0
1, less power, 21, applicable for the loins, spine, and stomach	0 18 0
2, medium power, 16½, for the abdomen, head, and face	0 15 0
3, less power, 12, for the knee-joints and neck	0 10 6
4, weak power, 6, short band, bracelet	0 5 0
Combined Bands for general debility, central paralysis, epilepsy, and functional disorders 40s., 50.,	3 0 0
Complete set, with Belt and Volta Electric Battery, £5, £8,	10 10 0
Chain Batteries for extreme nervous debility, paralysis, and for restoring exhausted vital energy, to be used in conjunction with specially combined bands,	
70s., to	4 4 0
Chain Intensity Batteries for treatment by electric baths in the patient's own bed-room, in various cases of paralysis, want of power, &c., and for eliminating poisonous substances from the system (lead and mercury) 60 elements	
Ditto ditto 120 elements	3 3 0
Ditto ditto	6 6 0
Coiled Band Intensity Batteries	3 0 0

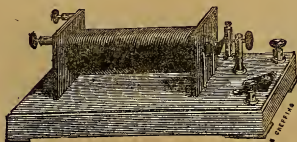


FIG. 785.

Ruhmkorff's Induction Coils, $\frac{1}{8}$ -in. spark, Fig. 785 . . .	0 16 0
Ditto ditto with commutator	0 19 6
Ditto $\frac{1}{4}$ -in. ditto ditto	1 10 0
Ditto $\frac{1}{2}$ -in. ditto ditto	2 14 0

Ruhmkorff's Induction coils, 1-in. spark, with commutator	£5	10	0
Ditto 2-in. ditto ditto	11	0	0
Ditto 3½-in ditto ditto	16	0	0
New Batteries for Gaiffe's machine, small	per pair	0	16 0
Ditto ditto large	ditto	1	5 0
Recharging Batteries for ditto small	ditto	0	4 0
Ditto ditto large	ditto	0	7 0
Chloride of Silver and Zinc Plates, small	.	.	0 7 6
Ditto ditto large	.	.	0 17 6
Stohrer's Battery	1 cell	4	15 0
Ditto	2 cell	7	0 0
Ditto small	1 cell	4	4 0
Ditto ditto	2 cell	5	10 0
Ditto portable	20 cell	8	18 6
Ditto ditto	30 cell	12	0 0
Ditto in oak case	14 cell	6	10 0
Ditto ditto	20 cell	7	15 0
Ditto ditto	30 cell	10	0 0
Ditto ditto	40 cell	12	0 0
Ditto combined apparatus, consisting of 1 cell			
induction, and 20 cell constant current	.	.	13 15 0
Ditto ditto ditto	2 cell		
induction, and 30 cell ditto	.	.	18 15 0

INDIA-RUBBER BEDS, CUSHIONS, PILLOWS, &c.

The following are all made of very superior india-rubber :

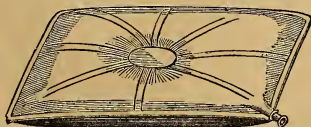


FIG. 786.

French-reeded Air cushion, Fig. 786

16 × 12
8/-

16 × 14
10/6

16 × 16
11/3

18 × 13
11/10

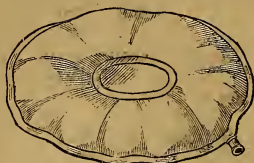


FIG. 787.

Circular-reeded Cushion, Fig. 787.

	15 in.	16 in.	17 in.	18 in.	19 in.	20 in.	21 in.
	8/3	9/-	9/9	10/6	11/-	12/-	12/6
Plain Pillow,	18 x 13	18 x 15	18 x 18	18 x 22			
	5/6	6/3	7/6	9/-			
	18 x 24	18 x 26	18 x 30				
	10/-	10/6	11/6				

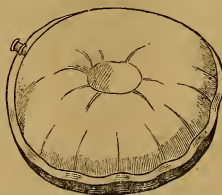


FIG. 788.

Circular Pillow, Fig. 788.	16 in.	18 in.	19 in.	20 in.
	7/6	8/6	9/6	10/6

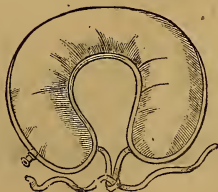


FIG. 789.

Neck Pillow, Fig. 789.	16 x 23	16 x 25	18 x 25
	9/6	10/6	11/6

Bed and Pillow,	72 × 36	84 × 30	88 × 29	88 × 32
	3/-/-	3/3/-	3/10/-	3/15/-
	88 × 37	88 × 39	88 × 50	97 × 63
	4/-/-	4/10/-	5/10/-	7/7/-
Swimming Belt,	36 × 6	40 × 6		40 × 8
	9/6	12/6		14/6
Water Cushion, for sloughing of the sacrum, per lb. 6/6				
	16 × 12	16 × 14	18 × 15	18 × 18
	18 × 22	18 × 24	18 × 26	
Water Cushion, per lb. 6/6				
	16 in.	17 in.	18 in.	19 in.
				20 in.

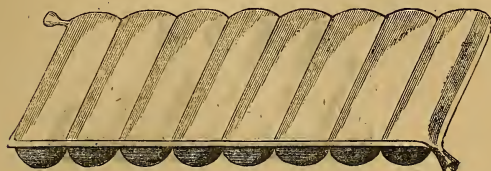


FIG. 790.

Water Bed, Fig. 790, per lb. 6/6					
30 × 24	48 × 34	50 × 27	66 × 24	72 × 30	72 × 36
Waterproof Bed Sheet				per yard	£0 3 6
Ditto	ditto	double width			0 7 0
Waterproof Bed Sheet, with funnel in centre					1 12 6
Inflating Bellows for above					0 8 0
Water Bottle for the Feet or Stomach				per lb.	0 6 6
	6 × 12	6 × 10	14 × 8		

MICROSCOPES AND APPARATUS.

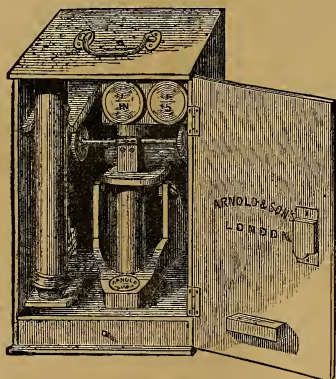


FIG. 791.

1. Arnold and Sons' Student's Microscope, with rack adjustment, revolving diaphragm, bronzed stand, $\frac{1}{2}$ -inch and 1-inch object glasses, live box, and forceps, in cabinet, complete £2 10 0

No. 2. Arnold and Sons' Student's Microscope, with rack adjustment, revolving diaphragm, brass stand, $\frac{1}{4}$ -inch, $\frac{1}{2}$ -inch, and 1-inch object glasses, live box, dissecting forceps, with four objects, in mahogany cabinet, complete 3 3 0

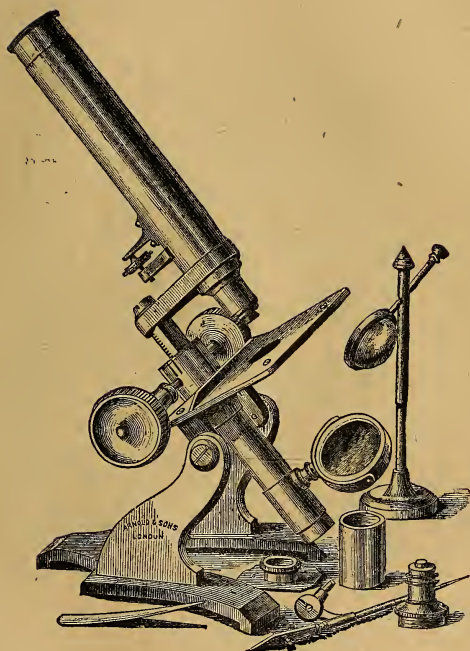


FIG. 792.

No. 3. Arnold and Sons' Educational Microscope, with coarse and fine rackwork adjustments, brass stand, $\frac{1}{4}$ -inch, $\frac{1}{2}$ -inch, and 1-inch object glasses, stand condenser, live box, stage and dissecting forceps, &c., in mahogany cabinet, complete, Fig. 792 £5 0 0

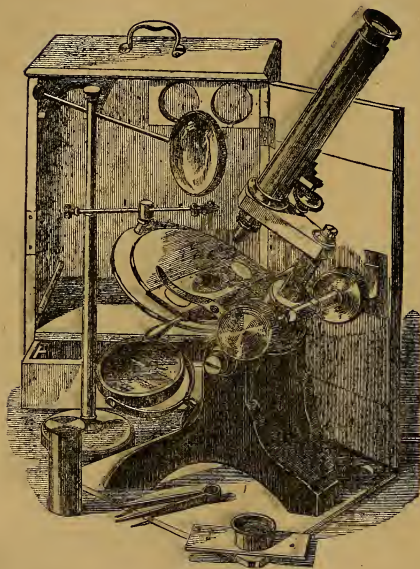


FIG. 793.

No. 4. Arnold and Sons' University Microscope, with coarse and fine adjustments, circular spring stage, revolving diaphragm, bronzed stand, $\frac{1}{4}$ -inch, $\frac{1}{2}$ -inch, and 1-inch object glasses, stand condenser, live box, stage forceps, dissecting forceps, in mahogany cabinet, complete, Fig. 793 £5 15 0

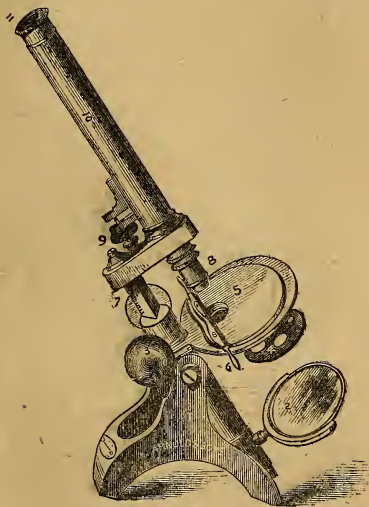


FIG. 794.

No. 5. Professor Axe's Improved Microscope, with circular stage, by which means the object is easily and steadily moved in any direction, rackwork and fine adjustment, fitted with \odot eye-piece, and $\frac{1}{2}$ th and 1-inch best English achromatic objectives, complete, in mahogany cabinet, Fig. 794 £6 0 0

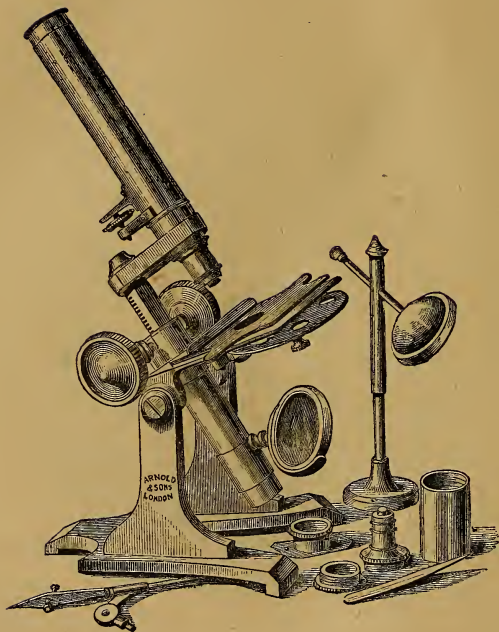


FIG. 795.

No. 6. Arnold and Sons' Improved Microscope, with coarse and fine rackwork adjustments, brass stand, sliding spring stage, revolving diaphragm, B eye-piece, stand condenser, $\frac{1}{4}$ -inch, $\frac{1}{2}$ -inch, and 1-inch object glasses, live box, stage and dissecting forceps, with six objects, in mahogany cabinet, complete, Fig. 795 .£6 6 0

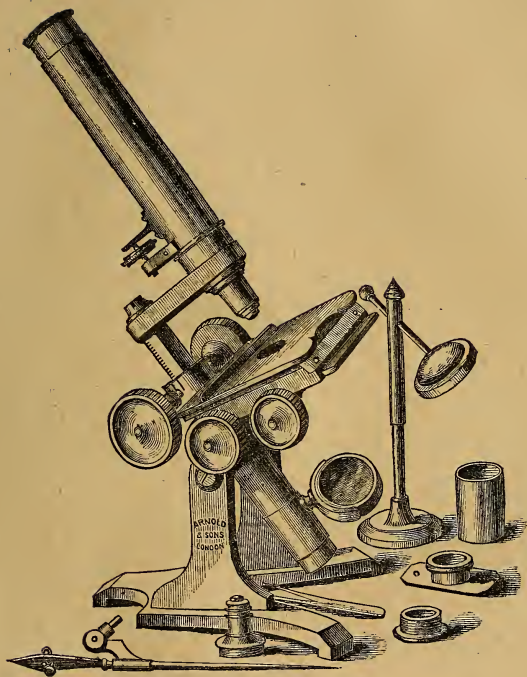


FIG. 796.

No. 7. Arnold and Sons' Improved Microscope, with coarse and fine adjustments, solid brass stand, with rack and rotary stage, large mirror, revolving diaphragm, c eye-piece, $\frac{1}{4}$ -inch and 1-inch best achromatic object glasses, stand condenser, live box, stage and dissecting forceps, in mahogany cabinet, complete, Fig. 796 . £9 9 0

No. 8. Arnold and Sons' Improved Microscope, with coarse and fine adjustments, brass tube to body, double mechanical stage, large double mirror, revolving diaphragm, A and B eye-pieces, $\frac{1}{2}$ -inch, $\frac{1}{3}$ -inch, and 1-inch best achromatic object glasses, stand condenser, stage and dissecting forceps, live box, and spot lens, in mahogany cabinet, complete £14 14 0

No. 9. Arnold and Sons' Improved extra superior Microscope, with every modern improvement, coarse and fine adjustments, draw tube to body, B and C eye-pieces, double mechanical stage, with clamping and revolving slider holder, large double mirror, with every adjustment, diaphragm, &c., $\frac{1}{2}$ -inch, $\frac{1}{3}$ -inch, and 1-inch object glasses, polarizing apparatus and selenite, large bull's-eye, condenser on stand, stage and dissecting forceps, live box and spot lens, complete, in mahogany cabinet 20 0 0

All the above Instruments are fitted with the Universal Screw for Object Glasses.

Polarizing Apparatus	1 5 0
Ditto extra large prisms	1 15 0
Wenham's Parabolic Illuminator, with adjusting stop	1 5 0
Spotted Lens, for dark ground illumination 7s. 6d.,	0 12 0
Stand Condenser 7s. 6d., 12s. 6d.,	0 15 0
Live Box 2s. 6d., 3s. 6d.,	0 6 6
Achromatic Spot Lens Condenser, with stops and fittings, complete, for resolving test objects	2 2 0
Mechanical Stage, fitted to any microscope, £1 10s., £2 10s.,	3 0 0
Eye-pieces 7s. 6d., 10s. 6d.,	0 12 6
Stage Forceps 5s. 6d.,	0 7 6
Stage Micrometer	0 4 6
Eye-piece ditto 6s.,	0 8 6
Camera Lucida 5s.,	0 10 0
Glass Plates 1s.,	0 1 6
Microscopic Syringe, with stopcock and three pipes, in case	1 1 0
Frog Plates 7s.,	0 10 6
Glass Slides, Hollow	0 0 6
Hand Magnifiers, for dissecting from	0 1 0
Turn Tables 4s. 6d.,	0 6 6
Silver Parabolic Reflector on stand, with ball-and-socket joint	0 12 6



FIG. 797.

Scissors, Microscopic, Fig. 797 £0 4 6



FIG. 798.

Forceps, Microscopic, Fig. 798 0 2 0



FIG. 799.

Scalpel, Microscopic, Fig. 799 0 2 0



FIG. 800.

Needle, Microscopic, Fig. 800 0 0 6

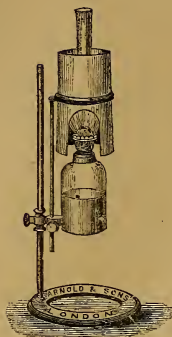


FIG. 801.

Microscopic Lamp, Arnold and Sons' Improved, Fig. 801

12s. 6d. and £0 15 0

Is fitted with HAILLES's porcelain shade and has all necessary adjustments; the glass reservoir is protected by a brass case, from which it can be readily removed, and in which it rotates, so that either the edge or flat side of the flame can be turned towards the opening in the shade. The shade can be adjusted to its proper height in relation to the flame, and clamped in that position by means of the screw facing the observer; the whole can then be moved up or down upon the pillar and clamped at the required height by the screw to the left of cut, without deranging the adjustment of the shade. The Lamp mount is hinged so that the gallery, &c., may be turned back to facilitate the cutting and trimming of the wick.

Canada Balsam	per bottle	0	1	0
Marine Glue	ditto	0	1	0
Gold Size	ditto	0	1	0
Glycerine	ditto	0	1	0
Glass Slips, 3 × 1, unground	per dozen	0	0	6
Ditto ground	ditto	0	0	9
Folding Book Cases for six dozen slides to lie flat		0	5	6
Opalised Glass Stage Plates		0	0	6
Object Boxes for two dozen		0	1	0
Ditto new six-tray, for three dozen		0	3	6
Animalcule Cages	6s. 6d.,	0	12	0
Ditto Tubes, set of, in case	2s.,	0	5	0
Thin Glass Squares and Circles, various sizes	per oz.	0	5	6

ENGLISH ACHROMATIC OBJECT GLASSES.

BEST QUALITY.

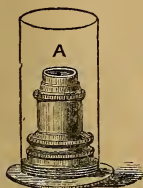


FIG. 802.



FIG. 803.

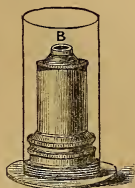


FIG. 804.

THESE ARE GUARANTEED.

Object-glasses.	Angular aperture.	Magnifying powers with the various eye-pieces.						Price.		
		A	B	C	D	E	F			
5 inches	7 degs.	8	13	24	36	52	72	£	s.	d.
4 "	9 "	10	16	30	45	65	90	1	10	0
3 "	12 "	13	20	35	56	84	112	3	0	0
2 "	15 "	20	32	55	90	135	180	3	0	0
1½ "	20 "	25	40	70	112	168	224	3	0	0
1 "	15 "	37	60	105	170	255	340	2	0	0
1 "	25 "	37	60	105	170	255	340	3	10	0
¾ "	35 "	60	100	145	270	405	540	3	10	0
½ "	90 "	95	150	265	420	630	840	4	4	0
⅓ "	95 "	150	250	400	700	1000	1400	4	10	0
¼ "	100 "	270	425	630	1200	1600	2200	5	5	0
⅕ "	120 "	270	425	630	1200	1600	2200	5	5	0
⅙ "	140 "	550	840	1300	2400	3200	4400	7	7	0
⅐ "	170 "	900	1500	2200	3600	5400	6400	10	10	0
⅑ "	170 "	1300	2000	3000	5700	7600	10300	21	0	0

Object-glasses of Foreign Manufacture, best quality, $\frac{1}{4}$ in. £1 1 0
 Ditto ditto ditto $\frac{1}{2}$ in. 1 0 0

MICROSCOPIC OBJECTS.

Of the highest attainable perfection, comprising every branch of Microscopy, Anatomy, Physiology, Morbid Tissues, Toxicology, Materia Medica, Botany, Entomology, Geology, Mineralogy, &c. Some first class preparations selected from the productions of Möller, Bourgogne, Rodig and other foreign artists, with valuable accessions from the stock and materials of the late C. M. Topping. From the above, selections may be made in any of the departments composed of 12, 24, or 36 slides or more, (the prices of the majority being 1s. 6d. each) for the use of Professors, Teachers, and Students, as well as Typical Illustrations of Acute and Chronic Diseases for the use of Physicians and Surgeons, of which the following is a synopsis :

A set of Slides (12) illustrating the growth and structure of human bone, in case	£1	4	0
A set of Slides (12). Urinary deposits, consisting of specimens of oxalate of lime, lithic acid, dumb-bell lithic acid, dumb-bell oxalate of lime, carbonate of lime, spermatozoa, cystic oxide, phosphates, hyppuric acid, urea, urate of soda, purpurate of ammonia	1	1	0
12 to 72 Slides illustrating Human Anatomy and Physiology each	0	2	0
12 to 36 ditto that of the Lower Animals each	0	2	0
12 to 72 ditto Morbid Tissues in Acute and Chronic Disease	0	2	0
12 to 36 Urinary Deposits in Acute and Chronic Disease	0	1	6
12 to 36 Blood Discs, Spermatozoa, Pigment Cells, &c.	0	1	6
12 to 24 Entozoa, Epizoa, &c.	0	1	6
18 Beautiful Preparations, Sections of the Human Eye Series	2	5	0
12 Slides illustrating the Development and Growth of Human Bone	1	4	0
12 to 48 Hair, Bone, Teeth, Shell, Spine, Scales, &c.	0	1	6
12 to 36 Slides, Toxicology and the Materia Medica	0	2	0
	1s. 6d. and		

12 to 36 Test Objects for Lower and Highest Achromatic Objectors, Möller's Typen Platte, 400 Diatoms and Catalogue	£4 0 0
Ditto 100 Diatoms and Catalogue	£1 5s. and 1 10 0
Ditto Test Plattes, 20 Test Diatoms, Dry £1, Balsam	0 12 0
Wheeler's ditto 60 Foramenifera and Catalogue	1 1 0
Webb's Micro-writing on Glass and Test Lines ruled after Nobert	1s. 6d. to 5 0 0
Dalton's Artistic Groups of Flowers, Butterflies, Birds	5s. to 2 0 0
12 to 72 Slides, a Series on the Organic Structure of Plants	each 0 1 6
12 to 96 Slides of Recent and Fossil Diatomaceæ	each 0 1 6
12 to 108 Micro-Photographs	each 0 1 0

Every preparation from the animal, vegetable, or mineral kingdoms, for the microscope, supplied to order.

OSTEOLOGICAL PREPARATIONS.

Disarticulated Human Skeleton	£6 6s. and 7 7 0
Articulated Human Skeleton	£7 7s. to 12 12 0
Polished mahogany upright case for above	4 10 0
Disarticulated Head, the bones remounted, in situ, at distances, with sections of middle and inner ear, and preparation of the maxillary vessels and nerves. The whole, on a support, under glass shade	£9 9s. to 13 13 0
Child's Skull, under glass shade, showing first and second dentitions	£3 3s. to 4 4 0
Skull, disarticulated	£3 3s. to 4 4 0
Skull, with a vertical and horizontal section	£1 10s. to 2 2 0
Skull, in seven sections, showing the frontal sinus, antrum, cochlea, semi-circular canals, tympanum, and small bones of the internal ear	£4 4s. to 5 5 0
Bones of the Upper Extremity, with scapula and clavicle so articulated as to allow of demonstration of the various dislocations	2 10 0
Bones of the Lower Extremity, with Os innominatum articulated in a similar manner	2 10 0
Set of Vertebræ, strung on cord	£1 5s. to 1 10 0
Female pelvis, with ligaments	£2 5s. and 2 10 0

Fœtal heads, each	10s. 6d. and	£0 15 0
Student's Set of Bones, consisting of a skull, with one (horizontal) section; the vertebral column, Os innominatum, sacrum and coccyx; sternum; one hand and one foot on catgut, and the ribs, scapula, clavicle, humerus, radius, ulna, femur, patella, tibia, and fibula of one side	£3 10s. to	4 10 0
Student's Set of Bones, consisting of a disarticulated skeleton, a skull with a horizontal and vertical section, and a disarticulated skull	£8 8s. to	12 12 0
Feet on catgut	8s. 6d. and	0 10 6
Hands on catgut	8s. 6d. and	0 10 6
Two Temporal Bones, cut in various directions, to show completely the anatomy of the internal ear		1 15 0
Leather Figure (including a natural female pelvis), with leather fœtus and placenta for obstetric demonstrations		5 5 0

CHIROPODISTS' INSTRUMENTS.



FIG. 805.

No. 1. Case, containing two Knives and Corn File, in ivory handles	0 7 6
No. 2. Leather Case, containing four Knives and Corn File, in ivory handles	0 15 0
No. 3. Morocco-leather Case, containing four Knives, Corn File, in ivory handles, pair of Scissors, pair of Spring Forceps, Fig. 805	0 18 6
No. 4. Superior Morocco-leather Case, containing five Knives, Corn File, in ivory handles, strong Scissors, Spring Forceps, Double Tenaculum, Improved Nail Nippers	1 10 0
Improved Corn Knife	0 2 0
Ditto ditto in leather case	0 2 6

Pond's Corn Knife, in ivory handle.	£0	3	6
Corn Knife, spring-back, in ivory, for the pocket	0	3	6
Ditto in ivory two blades	0	4	6

Chiropodists' Cabinets fitted to order.

ENTOMOLOGICAL INSTRUMENTS.

No. 1. Case, containing four fine Knives in ivory handles, various patterns, and Spring Forceps 0 10 6

No. 2. Leather Case, containing five fine Knives in ivory handles, various patterns, pair Scissors, and Spring Forceps 0 16 0

No. 3. Superior Morocco-leather Case, containing five Knives in ivory handles, various patterns, Improved Scissors, Spring Forceps, and two fine Hooks 1 0 0

Entomological Forceps, various patterns 0 3 6

Ditto Knives ditto 0 2 0

Ditto Hooks ditto 0 2 0



FIG. 806.

Valentin's Section Knife 0 13 0

Ditto ditto complete in case 0 17 6

Arnold and Sons' Improved Section Knife, Fig. 806 0 15 0

Ditto ditto in case 0 18 6

MEDICINE CHESTS.

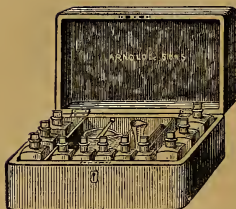


Fig. 807.

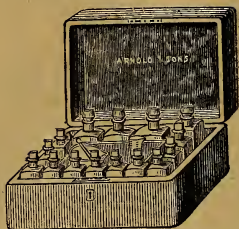


Fig. 808.

- No. 1. Flat solid Leather Chest, containing 4 $\frac{1}{2}$ -oz., 4 2-oz., 4 ivory-top Pill Bottles, and Measure £1 1 0
- No. 2. Solid Leather Chest, lined with leather and blue silk velvet, $7\frac{1}{2} \times 5\frac{1}{4} \times 4\frac{1}{2}$ in., and contains ten Stoppered Bottles, four wood-top Pill Bottles, Measure, and Scales 1 7 6
- Ditto, 12 bottles 1 10 0
- No. 3. Mahogany Chest with white bottles, Fig 807 $11 \times 6\frac{1}{4} \times 5\frac{3}{4}$ in., and contains 2 4-oz., 4 2-oz., and 5 1-oz. Bottles, Mortar, Measure, Scales, and Knife. The lid is lined with velvet, and the lips and stoppers of the bottles are cut 1 4 0
- Ditto Oak, and green bottles 1 1 0
- No. 4. Mahogany Chest, with white bottles, Fig. 808, $10 \times 8 \times 6$ in., and contains 4 4-oz., 6 2-oz., and 5 1-oz. Bottles, Scales, Mortar, Measure, and Knife. The lid is lined with velvet, and the lips and stoppers of the bottles are cut 1 10 0
- Ditto Oak, and green bottles 1 5 6
- No. 5. Mahogany Chest with white bottles, $12\frac{1}{2} \times 9\frac{1}{2} \times 7$ in., and contains 8 8-oz., 4 4-oz., and 10 2-oz. Bottles, with Tray containing Scales and Knife, 2 Bottles, 2 Pots, Mortar, and Measure under the tray. The lid is lined with velvet, and the lips and stoppers of the bottles are cut 2 0 0
- Ditto Oak, and green bottles 1 15 0

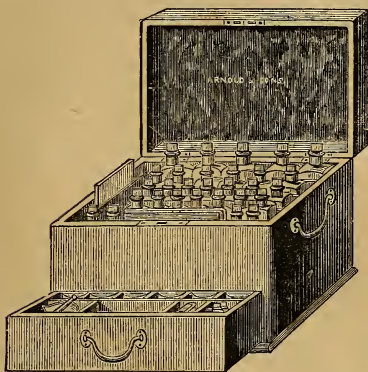


FIG. 809.

No. 6. Mahogany Chest with white bottles, Fig. 809, $14\frac{1}{2} \times 10\frac{1}{4} \times 10$, and contains 5 8-oz., 6 4-oz., 14 2-oz., and 4 1-oz. Bottles, Pill Tile in the body, 5 3-oz. Pots, 3 1-oz. Bottles, Mortar, Measure, Scales, Knife, and space in the drawer. The lid is lined with velvet, and the lips and stoppers of the bottles are cut £3 7 6

Ditto Oak, and green bottles 3 0 0

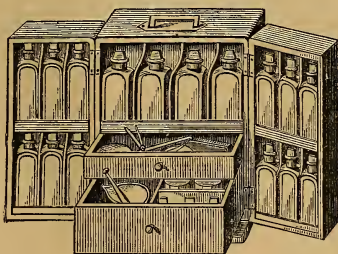


FIG. 810.

No. 7. Spanish Mahogany Folding Chest, Fig. 810, lined with silk velvet, containing 8 4-oz. and 12 $1\frac{1}{2}$ -oz. Bottles in the body and wings; 3 small Bottles, 2 plated-

top Pots, Mortar, Measure, Scales, and Knife, in the drawers; 4 of the 4-oz. bottles take out at the back; $10\frac{1}{2} \times 8\frac{1}{2} \times 7$ in. when shut. The lips and stoppers of the bottles are cut £3 17 6

No. 8. Ship's Medicine Chest for 10 men; contains 12 1-oz., 9 2-oz., 7 4 oz., 2 8-oz., and 3 pt. Chest Squares, 3 Pots, Mortar and Pestle, Scales, Knife, Measure, Pewter Pot, Slab, Syringe, Spoon, Lancet, and Scissors 2 0 0

No. 9. Ditto, 20 men; contains 22 2-oz., 6 4-oz., 6 8-oz., and 10 pt. Chest Squares, 4 Pots, Mortar and Pestle, Measure, Scales, Slab, 2 Lancets, 2 Spoons, Syringe, Scissors, Knife, and Pewter Pot 2 10 6

No. 10. Ditto, 30 men; containing 4 1-oz., 8 2-oz., 14 4-oz., 8 8-oz., and 16 pt. Chest Squares, 5 Pots, Mortar and Pestle, Scales, Slab, Measure, 2 Lancets, 2 Spoons, 2 Syringes, Scissors, Knife, and Pewter Pot 3 0 0



FIG. 811.

No. 11. A Surgeon's Cabinet made in deal, painted and grained oak, with French polished mahogany counter top. The counter fitted with Drawers for Vials, Bottles, Jars, &c.; the two cupboards fitted with shelves for Mortars,

Measures, &c.; the upper part fitted with shelves containing 10 1-pound brownware Pots, with japanned tin covers for Ointments, &c., 10 4 oz. brownware Pots for Pills and Extracts, 39 20 oz. white flint stoppered rounds, 44 8-oz. ditto, labelled with gold labels and black letters, complete, Fig. 811 £17 0 0

Ditto in French polished Honduras mahogany 20 0 0

The above cabinet is made in two parts for convenience in packing and removal. The size of the cabinet is 5 feet long, 22 inches deep, and about 8 feet high.

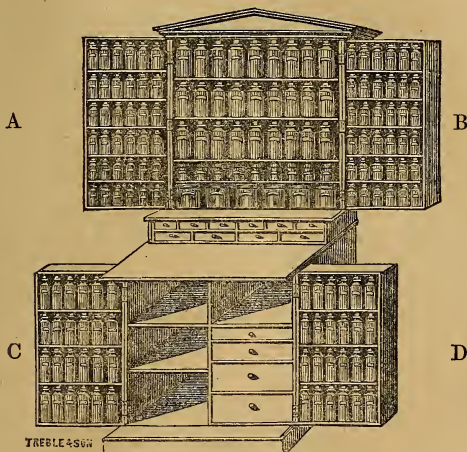


FIG. 812.

No. 12. Surgeon's Cabinet made in deal, painted, grained oak, and varnished, with French polished mahogany counter top. The doors, A, B, C, and D, are shown open, when not in use they can be closed and fastened with lock and key, concealing all the bottles and jars from view. The doors are panelled and moulded, giving a neat and respectable appearance when closed. The doors, A and B, are fitted with shelves inside, and supplied with 72 6-oz. white flint stoppered rounds. The centre part is also fitted with shelves and furnished with 6 1-pound brownware Pots, with japanned tin covers for Ointments, &c., 9 4-oz. ditto, for Pills and Extracts, and 27 20-oz. white

flint stoppered rounds. The small drawers on counter are for sundries, small instruments, &c., and are useful for various purposes. The lower part, or counter, has two doors, c and d, fitted inside with shelves, and furnished with 48 8-oz white flint stoppered rounds. All the bottles and jars are labelled with gold labels and black letters. The inside of counter is fitted with drawers for Vials, Bottles, &c., also shelves for Mortars and sundries, Fig. 812 £23 0 0

Ditto, in French polished Honduras mahogany 28 0 0

The cabinet is made in two parts for convenience in packing and removal.

The size, when the doors are closed, is 3 feet long, 2 feet deep, and about 7 feet high; when the doors are opened, as represented above, the cabinet measures 6 feet long.

The doors can be used at right angles if the space is limited.

MISCELLANEOUS.

Actual Cauteries of all shapes	0	4	6
Acupressure Needle, Simpson's	0	0	6
Acupuncture Needle	0	1	0
Adhesive Plaster, very superior per yard	0	0	6
Æsthesiometer, Dr. Sieveking's, in case complete	0	18	0



FIG. 813

Alimentary Tube, Arnold and Sons' Improved, Fig. 813 0 5 0

To enable those suffering from Rheumatic Affections, &c., to drink without

rising from the bed or causing any inconvenience. The clip fastened to the glass or basin having a swivel joint prevents the patient, by the motion of his head, from overturning the liquid,—a desideratum hitherto unattained. This Tube is invaluable for cooling drinks in Fever cases.

Ambulance, can be used to convey patients from the operating theatre to the hospital wards, or as an ambulance

£16 0 0

Ditto with india-rubber tiers 18 10 0

Waterproof Tilt Cover, closed at ends, with hoops complete, fitted to ambulance extra

3 10 0

Apparatus for Suspended Animation, Richardson's 0 17 6

Arm Rest, padded, complete 0 10 6

Artificial Leech Apparatus, complete in case 3 3 0

Ditto Baron Heurteloupe's 1 10 0

Bed Pans, metal 6s. 0 7 6

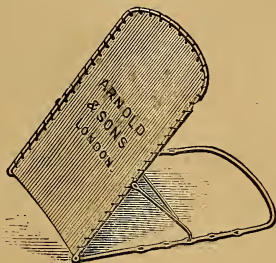


FIG. 814.

Bed Rest, Arnold and Sons' Improved, portable, with iron folding frame, and canvas back, Fig. 814

This portable rest is very light, and when folded occupies very little room, and the canvas can be easily removed and washed.

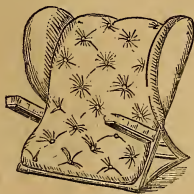


FIG. 815.

Bed Rest, Arnold and Sons' Improved, with adjustable
quadrant, padded at sides and back, complete, Fig. 815 £ 1 4 0
Ditto plain wood 0 12 0

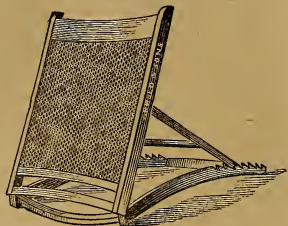


FIG. 816.

Bed Rest, Arnold and Sons' Improved, with regulating
cane back, Fig. 816 2 2 0

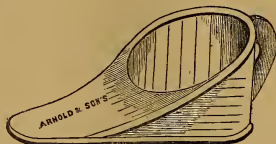


FIG. 817.

Bed Slipper, Blower's porcelain, Fig. 817	0	5	6
Ditto ditto covered flannel	0	6	6
Bird-stuffing Instruments, complete in case	1	5	0
Bleeding Bason, earthenware	0	2	0
Ditto pewter 3s., 4s.,	0	5	0
Boric Lint per lb.	0	2	6
Cabinets for Dispensing from £5 5s. to	25	0	0

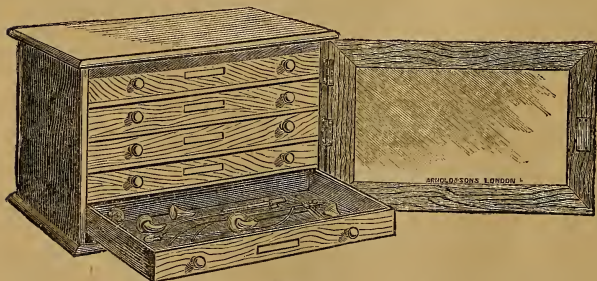


FIG. 818.

Cabinets for Instruments, Arnold and Sons' Improved, in mahogany, walnut, or oak, Fig. 818	from £5 10s. to £10	10	0
Camel-hair Pencils, assorted	per gross	0	6 0
Carbolic Acid Diffuser, Goddard's		0	2 0
Carbolic Plaster	per yard	0	3 0
Carbolized Catgut Ligature, Lister's	per bottle	0	1 0
Carbolized Gauze for dressing, Lister's	per yard	0	0 6
Carbolized Wool, in tin case	per lb.	0	5 0
Carrying Chairs	from	5	5 0
Chloral Lint	per lb.	0	5 0
Cork Pressers		0	2 6
Cotton Wool	per lb.	0	2 6
Dental Syringe, vulcanite		0	4 6
Drainage Wires, Retentive and Hastate Knife, by Mr. Richard Davy			

Extract from *New Inventions in Surgical Mechanism*:—"I have treated hundreds of abscesses by means of these instruments, and have thereby economised scars. The hastate knife opens the sac of the abscess, then the wire let in the fine end of tube is introduced through the punctured skin; reaching the sac the elastic wings expand, and retention is maintained at the surgeon's discretion."



FIG. 819.



FIG. 820.

Drainage Tube, silver, self-retaining, by Mr. Callender,
Figs. 819 and 820 each 0 5 0

Fig. 819 shows the tube closed, and Fig. 820 with the spring open.

Ditto self-retaining, india rubber, as used by
Mr. Morant Baker 0 3 6
Drainage Tubing, india rubber per yard 0 1 6
Ditto Tubes, gilt wire, various sizes each 0 1 0
Endoscope, Warwick's, complete, for examining the bladder, urethra, rectum, &c. 6 0 0

Endoscope, Arnold and Sons' Improved, for examining the urethra, bladder, rectum, and fitted with tongue speculum and laryngeal mirrors, extra tube with glass and mirror and three ear speculums, complete, in morocco case £7 10 0



Fig. 821.



Fig. 822.

Improved Iridectomy Instrument, by Mr. Louis King,
Figs. 821 and 822 1 1 0

Letter from Mr. Louis King :—"The Iridectomy Instrument, which has been most carefully made for me by Messrs. Arnold and Son, is a combination of needle and hook used in the operation, a guard being added so as to obviate the difficulty of removing the hook after a portion of the iris has been caught up. The fact of the hook and needle being combined in one instrument tends to facilitate the operation by rendering only one puncture of the cornea necessary, and so preventing the escape of fluid during the operation."

In using the instrument care should be taken to place the thumb firmly on the button which is attached to the guard. As soon as it has been passed far enough into the eye a slight movement of the thumb will expose the hook, by which the iris may be caught up; the guard should then be returned by a second movement of the thumb, and the instrument removed, the operation being completed in the usual manner.

Exploring Syringe, Dr. Protheroe Smith's, complete	. 2 2 0
Ditto Dr. Bresquen's . . . . .	. 1 10 0
Ditto Dr. Vanzatti's . . . . .	. 2 2 0
Feeding Bottle, O'Connell's . . . . .	. 0 5 0
Ditto Mather's	1s. 0 2 0
Filter, Lipscombe's	8s. 2 2 0
Ditto Atkins'	5s. 2 2 0
Finger Stall, best rubber per doz.	0 2 6
Forceps, Wathen's, for removing starch bandage, Fig. 823	0 17 6
French Shears, for removing starch bandage	0 10 6
Gutta-percha Tissue per yard	0 2 0

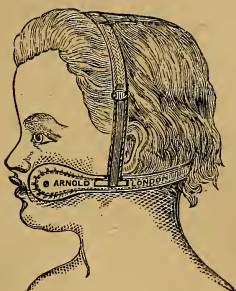


FIG. 823.

Harelip Compress, Arnold and Sons' Improved, Fig. 823 £1 1 0

Measurement required circumference round head taken at level of upper lip.

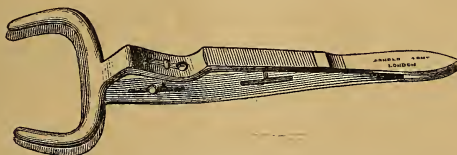


FIG. 824.

Harelip Forceps, Arnold and Sons' Improved, Fig. 824 . 1 0 0



FIG. 825.

Harelip Forceps, Smith's, Fig. 825	1	0	0
Ditto parallel blades	1	17	6
Ditto with scalpel, in case complete . .	1	7	6

Harelip Scissors, sliding	£0	8	6
Hospital Bedstead, with chair and cross handle	2	10	0
Ditto Cots, iron	2	10	0
Hospital Stretcher	2	10	0

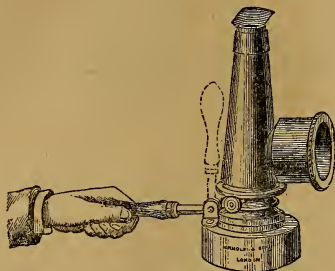


FIG. 826.

Illuminating Hand Lamp, Arnold and Sons' Improved,
for using with vaginal speculum, ophthalmoscope,
laryngoscope, ear speculum, &c., with folding handle,
Fig. 826 1 1 0

Invalid Hammocks, by Mr. Richard Davy.

Vide *British Medical Journal*, August 21st, 1875.

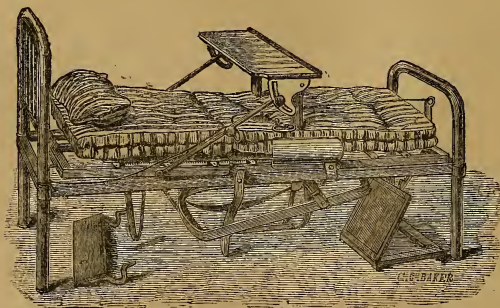


FIG. 827.

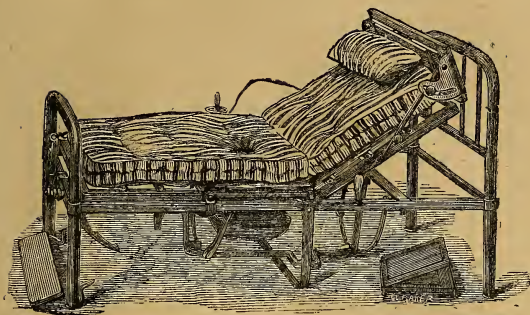


FIG. 828.

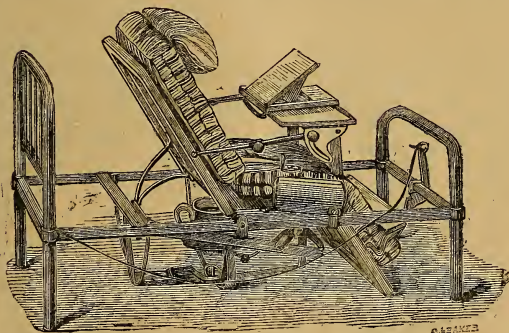


FIG. 829.

Invalid Bedstead Apparatus (Patented), complete, Figs.

827, 828, and 829	from £9 9s. to £21	0	0
Chair Appliances only.		5	5
Other Appliances.	each	3	3

Fig. 827 shows the bedstead fitted with a moveable table; Fig. 828 the couch partly raised (which can be accomplished by the patient without any assistance); Fig. 829 the same bedstead still further elevated to form a chair with reading desk, suitable for a convalescent patient.

It comprises a framework of iron that may be attached to any ordinary three-foot bedstead, and is so constructed that a patient with a very small amount of physical power may be enabled to alter his or her position at any moment without assistance, in the first place, to make it into—

1. A Chair, by holding in the left hand a cord that is attached to the rack at

the foot of the bed, and turning the handle on the right side, the head or body part rises and the foot part descends, and reversing, the whole is brought back to the recumbent position.

2. A table which, when at rest, forms a head board. To bring this into use, the patient simply pulls it down over the head, and fastens the screws; it cannot be capsized, and it reaches right across the bed, which makes it very useful.

A Reading or Writing Desk that requires no fastening, but simply slides on the table.

3. The Commode, by pushing the handle on the left-hand side a cushion of eight inches in diameter falls down, brings the handle back, and the chamber passes under the patient; *vice versa* returns the chamber, restores the bed without shifting the patient, and in any position.

4. In cases of deep prostration whereby the nurse may be enabled to give food, drink, or change the sufferer, or to replace clean linen, by simply pulling a strap on either side of the bed the patient can be gently turned on to either side. Any part of the apparatus can be supplied separately.

A Foot Board is also attached for the feet, which can be heightened or lowered to suit the patient.

In cases of Bad Legs, Fractures, &c., the foot part being separate can be left level or lowered to any height or position required; this is governed by the cord mentioned in the first part.

Invalid Feeder, earthenware	£0	1	0
Iodine Bottle, Marshall's, with self-supplying glass brush	0	4	0
Issue Peas, assorted sizes per 100	0	2	0
Lancets, common, for medicine chests . . . per doz.	0	7	6
Leech Conservatories, Buckle's 2s. 6d., 3s.,	0	6	0
Ditto Tubes, glass per doz.	0	2	0
Leg Rest, plain	0	7	6
Ditto Arnold and Sons' Improved, padded	0	15	6

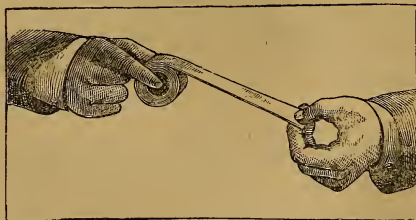


FIG. 830.

Leslie's Patent Tape Plaister, Calico, $\frac{1}{4}$ -in., $\frac{1}{2}$ -in., $\frac{3}{4}$ -in., 1-in., $1\frac{1}{2}$ -in., wide, 6 yards long, in tin case, Fig. 830 . . .	0	1	0
Ditto ditto brown Holland, $\frac{1}{4}$ -in., $\frac{1}{2}$ - in., $\frac{3}{4}$ -in., 1-in., $1\frac{1}{2}$ -in. wide, 5 yards long in tin case . . .	0	1	0

This is made specially for use where great strength is required, as in fractures of ribs or limbs.

Leslie's Patent Court Plaster, silk (black or flesh coloured) $\frac{3}{8}$ -in. wide, 3 yards long, in tin case . . . £0 1 0

This Plaster is perfect for plaistic operations, often avoiding sutures.

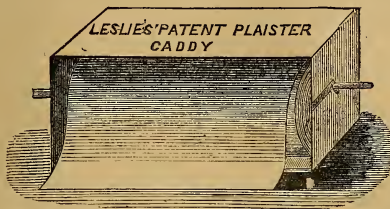


FIG. 831.

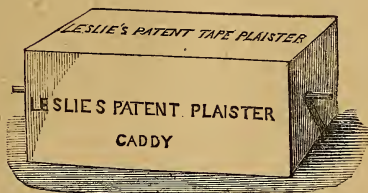


FIG. 832.

Fig. 831 shows the caddy ready for use, and Fig. 832 the caddy closed.

Calico or Brown Holland, 6-in. wide, 10 yards long, in caddy, complete, Figs. 831 and 832 . . . 0 5 0

Holland Ovals, Nos. 1, 2, 3, 4, per doz. in box
1s. 6d., 2s. 6d., 3s. 6d., 0 4 6

"Having tried Leslie's Patent Plaster, I am in a position to testify as to its being the best I have yet met with. It is more pliable—more portable—rolling the strips on reels of various width is a convenient arrangement. It keeps well without cracking, and retains its adhesiveness in a tropical climate" (being in use in the Ashantee War).—T. M. BECKLEY, M.A., M.D., LL.B., &c., Surgeon Major, late Senior Medical Officer H.M.S. Victor Emanuel, August 19th, 1874.

Lint, very superior	per lb.	0	3	0
Mackintosh Cloth, Lister's	per yard	0	8	0
Marine Lint, Picked Oakum, in tin case	per lb.	0	1	0
Masticating Knives, Arnold and Sons' Improved	7s. 6d.	0	10	6

MEDICATED SUPPOSITORIES, PESSARIES, &c. :

Suppositories (Theobroma Oil).

Acid, Tannic	(Br. Ph., 1867.)	.	.	3 grains.
Lead, Acetate, and Opium	(do.)	.	.	3 grains & 1 grain.
Mercurial Ointment	(do.)	.	.	5 grains.
Morphia, Hydrochlorate	(do.)	.	.	$\frac{1}{2}$ grain.

	Grains.		Grains.
Acid, Tannic	. 5	Lead, Acetate	. 3
Acid, Tannic, and Acetate		Lead, Acet. and Ext. Belladon.	$\frac{1}{2}$ & 2
Lead	. 3 & 2	Lead, Iodide	. 2
Acid, Tannic, and Ext. Bella-		Morphia Hydrochlorate	. $\frac{1}{4}$ or 1
don.	. 2 & 1	Morphia and Ext. Belladon.	$\frac{1}{2}$ & 3
Aluin and Soap	. 1 & 5	Morphia and Tannic Acid	$\frac{1}{2}$ & 3
Belladonna, Extract	. 2	Opium	. 1 or 2
Chloral, Hydrate	. 5	Opium and Tannic Acid	. 1 & 3
Copper, Acetate	. 2	Opium and Gallic Acid	. 1 & 2
Copper, Sulphate	. 2	Santonine	. 5
Gall and Opium	. 5 & 1	Silver, Nitrate	. 1
Gamboge	. 5	Zinc, Exsiccated Sulphate	. 2
Iron, Perchloride	. 2	Zinc, Oxide	. 8

Suppositories (with non-greasy basis).

Carbolic Acid, with Soap	(Brit. Pharm., 1874)	.	.	1 grain.
Morphia, with Soap	(do.)	.	.	$\frac{1}{2}$ grain.
Tannic Acid, with Soap	(do.)	.	.	3 grains.

In boxes of three dozen per box £0 3 0

Pessaries, prepared with Theobroma Oil, and of the
two-drachm size, unless otherwise ordered, in boxes
of one dozen per box 0 2 0.

	Min.		Grains.
Acid, Carbolic	. 2	*Iodine	. 2
	Grains.	Iron, Perchloride	. 5
Acid, Tannic	10	Lead, Acetate	. $7\frac{1}{2}$
Acid, Tannic, and Opium	. 6 & 2	Lead, Acetate, and Opium	. 5 & 2
*Aconitia	. $\frac{1}{32}$	*Lead, Iodide	. 5
Alum	. 15	Mercury, Red Oxide	. 2
Alum and Catechu	. 15	Mercurial Ointment	. 30
Atropia	. $\frac{1}{18}$	*Morphia, Hydrochlorate	. 1 or 2
Atropia and Bromide Po-		Morphia and Tannic Acid	. 1 & 10
tassium	. $\frac{1}{18}$ & 10	*Opium	. 3
*Atropia and Iodide of Lead	$\frac{1}{18}$ & 5	Potassium, Bromide	. 10
*Belladonna, Extract	. 3	Potassium, Iodide	. 10
*Belladonna & Iodide of Lead	5 & 10	Silver, Nitrate	. 1
*Bismuth, Trisnitrate	. 10	Soda, Carbonate	. 15
Borax	. 15	*Zinc, Oxide	. 15
*Chloral Hydrate	. 10	Zinc, Exsiccated Sulphate	. 3

Those marked with an asterisk * may also be had prepared and with a non-GREASY basis, soluble and fusible, in which case they are usually made of the one drachm size.

Soluble Bougies, introduced by Sir Henry Thompson for the treatment of gonorrhœa and gleet. Cylinders about $2\frac{1}{2}$ inches long; diameter similar to a No. 9 bougie or catheter. In boxes of one dozen, per box £0 2 0

	Grains.		Grains.
Acid, Gallic. . . . .	. 1	Iron, Perchloride . . . . .	. $\frac{1}{2}$ or 1
Acid, Gallic, and Opium . . . . .	. 1 each	Lead, Acetate . . . . .	. $\frac{1}{2}$ or 1
Acid, Tannic . . . . .	. 1	Lead, Acet. and Bismuth . . . . .	. $\frac{1}{2}$ & 10
Acid, Tannic, and Opium . . . . .	. 1 each	Morphia, Hydrochlorate . . . . .	. 1
Belladonna, Extract . . . . .	. 2	Opium, Aqueous Extract . . . . .	. 2
Bismuth, Trisnitrate	10	Silver, Nitrate . . . . .	. $\frac{1}{4}$, $\frac{1}{2}$, or 1
Copper, Sulphate . . . . .	. $\frac{1}{2}$	Zinc, Exs. Sulphate . . . . .	. 1

Vide 'Lancet,' May 12th, 1866.

Other formulæ made to order.



FIG. 833.

Miner's and Fireman's Respirator, by Dr. Alfred King,
 registered, Fig. 833 0 10 6
 Ditto ditto filled complete by Dr. King 1 1 0

To enable any person to breathe in safety, smoke or other deadly vapours at fires or in underground places, sewers, wells, &c. With this Instrument properly fixed to the face any person may enter a house or apartment, no matter how dense the smoke, and breathe in safety.

Mortuary Table 7 0 0

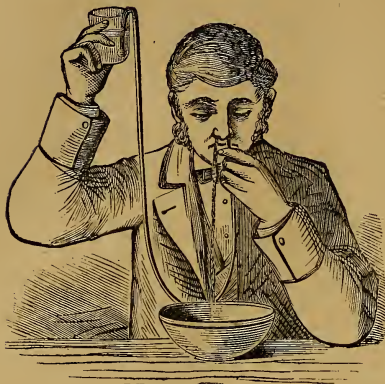


FIG. 834.

Nasal Syphon Douche, Fig. 834 £0 6 0

To be used with tepid water or medicated solutions for the treatment of Ozæna, Hay Fever, bleeding from the nose, and all inflammatory diseases of the mucous membrane of the nostrils.

Oil Silk, very superior	per yard	0	4	6
Onychia Forceps		0	6	6
Ditto Scissors		0	3	6

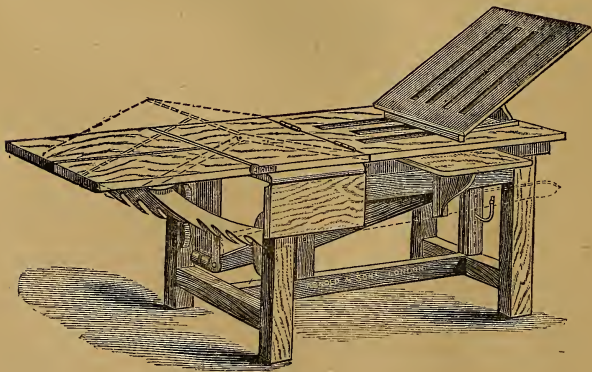


FIG. 835.

Operating Table, Arnold and Sons' Improved, polished oak, with adjustments enabling the operator to place the patient in any position required, Fig. 835 . . .	£21	0	0
Ditto ditto without lever movement . . .	15	0	0
Ditto with head slide and flaps, and semi-circular ratchet supports	9	0	0
Paley's Feeding Apparatus	2	12	0

This Instrument has two face-pieces, with india-rubber rim, tongue-depressor attached, and reservoir. Complete, as used by most asylums.

Pill Machine, for 24 pills	1	1	0
Ditto very superior	1	8	0
Ditto marble slab	1	6	0
Ditto ditto very superior	1	12	0
Pocket Bellows for Artificial Respiration, by Dr. Richardson	0	10	6
Portable Laboratory £2 2s. to	7	7	0
Powder Folders, improved	0	17	6
Rectum Plug, elastic gum	0	2	6
Ditto ivory	0	5	0
Ditto metal	0	2	6
Respirator, Carrick's Patent	1	5	0

The Respirator can be used :—

- a. For ordinary purposes in cold weather, warm air being inspired instead of cold air, as is the case in using the ordinary respirator.
- b. For disinfecting the air which is breathed when a person is exposed to tainted or infectious atmosphere, as in hospitals, infected districts, &c., the felt being saturated with a weak solution of Condy's fluid.

For breathing air impregnated with irritating particles: thus it will be found most useful for iron-filers, needle-grinders, glass-grinders, millers, lime-burners, &c., the felt preventing the passage of the particles into the lungs.

The respirator can only be used as inhaler, where continuous inhalation at a low temperature is desired. Under these circumstances the sponge in the respirator is saturated with a medicated fluid.



FIG. 836.

Respirator, Collier's Aluminium, Fig. 836,

		2s. 6d., 3s. 6d.	£0	4	6
Ditto	Orinasal	6s.	0	7	0
Ditto	Arnold and Sons' Improved Dwarf, in tin case	3s. 6d.,	0	5	0
Ditto	Nightingale's Invisible, No. 1		0	5	6
Ditto	ditto No. 2		0	10	6
Ditto	ditto No. 3		1	1	0

For protecting the Mouth and Respiratory Organs against Cold, Damp, Fogs, Rebreathing the Breath, or Noxious influences.—*Vide Lancet*, January 13th and February 29th, 1872, *The British Medical Journal*, *Medical Times*, *Dental Journal*, *Chemist and Druggist*, &c.

Retractor, Morton's	2s. 6d.	0	3	6
Ditto Copper		0	1	6
Sacking, Poles, and Irons, complete, for removing patients from the operating theatre		2	7	6
Scales and Weights, Grain, in oak box, best make		0	3	6
Ditto box end beam, in mahogany		0	11	0
Ditto Dispensing, with sliding pillar, in mahogany box, very superior		1	6	0
Seton Tape		0	0	8

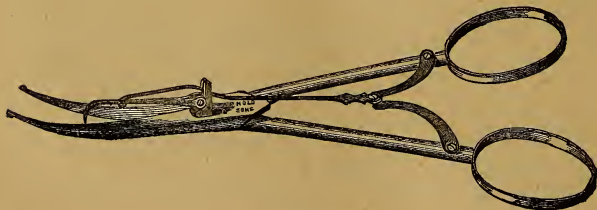


FIG. 837.

Skin-Grafting Scissors, Mr. Cripps', Fig. 837, *vide Lancet*,

June 3rd, 1871		1	10	0
Spongio-Piline (Markwick's) per yard		0	15	0



FIG. 838.

Starch Bandage Scissors, Seutin's, Fig. 838	0	12	0
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Starch Bandage Scissors, Clover's, with short blades

4s. 6d. £0 5 0

Statham's Student's Chemical Cabinet, No. 1

. . . 1 0 0

Ditto

ditto

No. 2

. . . 1 11 6

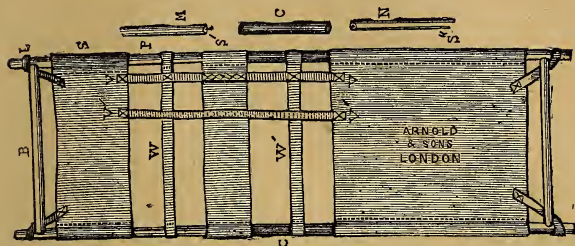


FIG. 839.

Stretcher, Improved, by C. R. Keetley (Registered),
complete, Fig. 839

. . . 1 10 0

In many cases of typhoid and other fevers, of peritonitis and other inflammatory diseases, of bedsores, of various chronic diseases, in many surgical and obstetric cases, it is very desirable to have a mode of moving a patient from room to room, or from bed to bed, and a mode of changing the patient's bed and body linen, without causing the least avoidable disturbance or excitement.

The Improved Stretcher has been used with great satisfaction at St. Bartholomew's Hospital, London, and the Queen's Hospital, Birmingham.

Extract from *Lancet*, January 8th, 1876:—"It can be placed under the patient piecemeal, and afterwards easily and without danger of mistake fitted together again. It is only a skeleton of webbing in the part which sustains the back and buttocks, and thus allows bedsores and blisters to be easily dressed. The cutaneous sensibility of the back is so extremely blunt that the network of webbing feels like a whole and undivided piece."

Extract from *British Medical Journal*, January 22nd, 1876:—"Its chief advantages are—The most sensitive or feeble patient can be freely moved, with no sense of discomfort and no dangerous disturbance. Bedsores and blisters on the back can be easily dressed through its means, and even the back percussed or auscultated through it. It is light and portable, and packs into a parcel three feet long by five inches in diameter."

Vide *Medical Times and Gazette*, February 5th, 1876, and *Medical Press and Circular*, January 26th, 1876.

Students' Note Book

. . . 0 1 0

Thermic Hammer, Dr. Day's, with Spirit Bottle, in case,
complete

. . . 0 8 6

Ditto

ditto

ditto, ebony handle

. . . 0 6 6

Ditto

ivory handle

. . . 0 3 6

Ditto

ebony handle

. . . 0 2 6



FIG. 840.

Tourniquet, Improved Elastic, as suggested by Dr. Foulis,
Fig. 840 £0 5 0

This Instrument consists of an india-rubber cord, threaded through a German silver or Vulcanite mount, having a slit in the upper face, as shown in the Engraving.

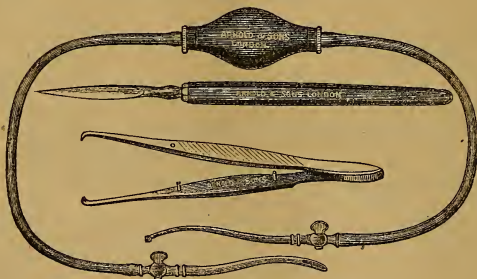


FIG. 841.

Transfusion Apparatus, Aveling's, complete with two pipes and stopcocks, in case	1 5 0
Ditto with forceps and knives, complete, Fig. 841	1 10 0
Ditto Graily Hewitt's, consisting of Glass Syringe, two Silver Pipes, Operating Forceps, Lancet, and Scalpel, in case, complete	2 10 0
Ditto Playfair's	0 16 0
Ditto Maisonneuve's	0 16 0
Trial Glasses, with double convex and concave lenses, prisms, tinted glasses, spectacle adapted with spring in mahogany case	6 6 0
Ditto without prisms	5 0 0



FIG. 842.

Urinometer, Arnold and Sons' Improved, with indelible markings, Fig. 842	£0	5	0
Vaccinating Instrument, Evans'	0	6	0
Varicocele Ring, Wormald's	0	1	0
Vidal's Needle for Varicocele	0	4	6
Vulcanite (or hard rubber) Syringes 2s. 6d., 3s. 6d., 5s.,	0	7	6
Wooden Figure, padded, life size, with moveable joints for demonstration	12	12	0
Ditto smaller £6 6s., £8 8s., and	10	10	0
Wordsworth's Canterbury, for destroying nævi, &c.	0	3	6
Wormald's folding director and aneurism needle complete	0	10	6
Arnold and Sons' Improved Continuous Current Battery, 30 cells, in mahogany cabinet, complete	8	8	0
Ditto ditto 50 cells	12	12	0
Ditto ditto 100	20	0	0
Küchenmeister's Improved Scissors for dividing the cervix	1	1	0

TABLE-KNIVES, RAZORS, &c.

Table Knives, Arnold and Sons' Superior, in best ivory handles	per doz.	2	10	0
Dessert ditto, Superior ditto	ditto	2	0	0
Carving Knife and Fork ditto	per pair	0	15	0
Poultry Carvers ditto	ditto	0	14	0
Table Knives, in ivory handles	per doz.	1	10	0
Dessert ditto ditto	ditto	1	6	0
Carving Knife and Fork ditto	per pair	0	10	6
Poultry Carvers ditto	ditto	0	10	6
Table Knives, in ivory handles, plain quality	per doz.	1	5	0
Dessert ditto ditto ditto	ditto	1	1	0
Carving Knife and Fork ditto	per pair	0	9	0
Poultry Carvers ditto	ditto	0	9	0

Table Knives and Forks, in bone handles	.	per doz.	£0 12 0
Dessert ditto ditto	.	ditto	0 10 6
Carver and Fork ditto	.	per pair	0 5 6
Table Knives, in black handles, with silver ferrules	.		1 1 0
Dessert ditto ditto ditto	.		0 18 0
Table Forks, stoutly electro-plated	.	per doz.	42s. 2 10 0
Dessert Forks, stoutly electro-plated	.	ditto	32s. 2 0 0
Table Spoons ditto	.	ditto	40s. 2 8 0
Dessert ditto ditto	.	ditto	30s. 1 16 0
Tea ditto ditto	.	ditto	18s. 1 4 0
Razors, in plain handles	.	per pair	0 2 0
Ditto good quality, black handles	.	ditto	0 5 0
Ditto best ditto ditto	.	ditto	0 7 0
Ditto good quality, ivory handles	.	ditto	0 9 0
Ditto best ditto ditto	.	ditto	0 10 6
Ditto very superior ditto	.	ditto	0 12 0
Ditto ditto in tortoiseshell	.	ditto	0 14 0
Heiffor's Razors, hollow ground	.	each	0 2 6

In an article on "Methods of obtaining Sections of Frogs' Eggs," the writer states:—"I find the best Razor for this purpose, and, indeed, for all microscopic purposes, to be the flexible edged razors made by John Heiffor, Sheffield, and stamped 'Made for the Army.' In order to render the edge flexible, these razors have their surfaces ground hollow; this hollow holds a great deal of spirit, and thus renders it easier to float the sections off. Moreover, the edge is extremely thin, and does not act as a wedge on a brittle substance like a frog's egg, and break the section in half. . . . Again, these razors are extremely easy to sharpen, and every microscopist ought to be able to put a fine edge on his own razor. . . ."

Pocket Knives, 1 blade	.	1s., 2s. 6d.	0 3 6
Ditto 2 blades	.	1s. 6d., 3s. 6d.	0 5 0
Ditto 3 blades	.	2s., 5s.	0 7 6
Ladies' Scissors, embroidery	.		0 3 6
Ditto button hole	.		0 3 6
Ditto cutting out	.	3s. 6d.	0 5 0
Ditto nail	.	3s. 6d.	0 4 6

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PATENT.

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Suggested by PROFESSOR BROWN.

- Vide 'Lancet' (2nd notice), December 19th, 1874.
 „ 'Med. Times and Gaz.' (2nd notice), Feb. 27th, 1875.
 „ 'British Medical Journal' (2nd notice), May 15th, 1874.
 „ 'Lancet,' May 10th, 1873.
 „ 'British Medical Journal,' June 7th, 1873.
 „ 'Medical Times and Gazette,' May 24th, 1873.
 „ 'Medical Record,' June 25th, 1873.
 „ 'Students' Journal,' April 24th, 1875.
 „ 'Medical Press and Circular,' June 4th, 1873.
 „ 'Students' Journal,' June 7th, 1873.
 „ 'Medical Record,' March 17th, 1875.

PRICES.

	£	s.	d.
Patent Pocket Clinical Thermometer, with			
Bayonet Joint, in Sterling Silver Case .	0	12	6
Ditto Ditto in German Silver Case	0	10	6
Ditto Ditto in Gold Case, ditto .	1	10	0
If with Centigrade Scale as well as Fahrenheit, 2s. 6d. extra.			

All Instruments in Silver or Gold Cases have the Coloured Scale, which renders the reading more intelligible, and likewise the constriction, to prevent the possibility of the index descending into the bulb.

Arnold and Sons guarantee the accuracy of every Thermometer, which is tested by a New Apparatus invented by themselves expressly for that purpose, and which has been verified at Kew.

The woodcut A shows the thermometer with case attached ; C, the instrument without the case ; and B, the thermometer when closed.



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CHLORODYNE

IS THE ORIGINAL AND ONLY GENUINE.

Discovered and Invented by **RICHARD FREEMAN**, in 1844.

It is one of those preparations so well known as having something in its composition which defies the imitator, and makes it an invaluable remedy. No other remedy known can be exhibited with so much confidence as a **SEDATIVE**, an **ANTISPASMODIC**, an **ASTRINGENT**, an **ANODYNE**, or **DIAPHORETIC**.

This preparation is now used by numerous Medical Gentlemen, and is one of those remedies so amply verified by experience. Of its efficacy in diarrhoea and dysentery there can be no doubt; a reference to the testimonials gives all the evidence to be desired. Its usefulness does not stop here; as a handy cough remedy, far surpassing the old linctus, it is unequalled; as an aid to the obstetric practitioner it is marvellous—from mxi to 3j administered when labour comes on does not affect the regularity or frequency of the pains, but acts on the system so as to deaden the exquisite suffering of the patient, superseding chloroform, ether, or chloral hydrate, which are acknowledged to be most dangerous; it also lessens the gravity of the after-pains, and often altogether removes them. A 5j dose administered relaxes the most rigid stricture of the urethra in less than two hours' so that a catheter can be passed with ease.

Thus, in all cases of pain, it is preferable to opium and other narcotics; in nervous disorders it removes irritability and sleeplessness, without inducing headache and other depressing symptoms; and there can be no doubt that **FREEMAN'S CHLORODYNE** will eventually become one of the most sought-after remedies of the age. R. F. is quite convinced that a fair trial will permanently impress the physician or surgeon with its usefulness.

In its composition and effects it bears no resemblance to any of the many formulæ published, but has curative and chemical properties peculiarly its own; nor is there any analytical test for it. It has been found by the Profession and large numbers of the Public to succeed after all imitations had failed, and maintains its unaltered position as the **ONLY RELIABLE CHLORODYNE**.

IMPORTANT CAUTION.—Four Chancery Suits terminated in favour of **FREEMAN'S ORIGINAL CHLORODYNE**, and against Collis Brown and Davenport. Lord Chancellor Selborne, Lord Justice James, and Lord Justice Mellish condemned their proceedings, and decreed them to pay all costs, confirming the decision of Vice-Chancellor Sir W. Page Wood, which entitles R. FREEMAN to the Sole Right to use the word "**ORIGINAL**" as a prefix to **CHLORODYNE**. Reports of the Suits in *Times*, January 12th and 13th, 1864, and April 29th and July 24th, 1873; and *British Medical Journal*, May 3rd, 1873.

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(ON CALICO, BROWN HOLLAND, OR SILK)

Is introduced to the Profession as the latest improvement in surgical appliances, being manufactured expressly to meet the requirements of Surgeons.

It is always *fit for use*, as it will keep for *any time*, in *any climate*.

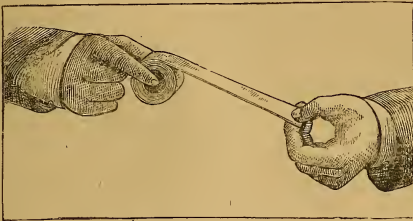
It is always *ready for use*, being in the most convenient form.

It is *economical*, as it may be used to the last inch.

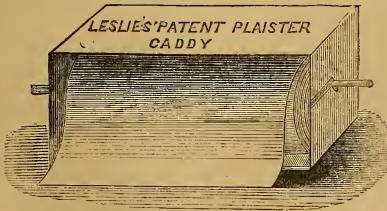
The Caddy represented below, into which 6-inch widths of 10 yards in length are fitted, is a novel arrangement, by which any length may be drawn out, so as to avoid handling.

It may be placed on a table, or fixed to the wall.

In Hospitals, or where quantities are required, a store box is so contrived as to contain corresponding rolls of Plaster, mounted on cane, to refit the Caddies. It is thus used in *several London Hospitals*.



LESLIE'S PATENT TAPE PLAISTER.



CADDY IN USE.

LESLIE'S PATENT TAPE PLAISTER on *Calico*, is made in widths of $\frac{1}{4}$ -in., $\frac{1}{2}$ -in., $\frac{3}{4}$ -in., 1-in., $1\frac{1}{2}$ -in., 6 yds. long, in portable tin cases.
 " " " " on *Brown Holland*, in widths of $1\frac{1}{2}$ -in., in ditto.

Note.—This is made specially for use where great strength is required, as in fractures of ribs or limbs.

LESLIE'S PATENT COURT PLAISTER, in *Silk*, black or flesh coloured, is made in $\frac{3}{4}$ -in. width, 3 yards long, in case.

Note.—This plaster is perfect for plastic operations, often avoiding sutures.

LESLIE'S PATENT BROWN-HOLLAND PLAISTER is also cut in oval sizes 4 $\frac{1}{2}$, 6, 9, 12 inches long, for ready application to bed-sores or for simple support. At the suggestion of a medical man in extensive practice, medicated plaisters may be at once produced by these ovals, with blistering liquid, croton oil, tartar emetic, mustard, or extract of belladonna, leaving a margin to ensure adhesion.

*Medical
Purposes.*

For prices see pages 322 & 323 in Catalogue.

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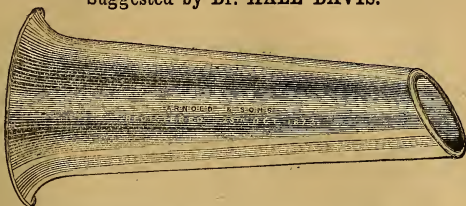
PILLS.	PRICE	
	per 100	per 500
ALOES BARBAD. B.P. 1/3 ... 5/6		
{ Barb. Aloes, Pv. Sapon. } 3 gr.		
{ Ol. Carui, Confec. Rosæ, } 3 gr.		
ALOES et ASSAF. B.P. 1/3 ... 5/6		
{ Pv. Aloes Soc., Pv. Sapon. } 3 gr.		
{ Assafœt., Confec. Rosæ, } 3 gr.		
ALOES et FERRI. B.P. 1/3 ... 5/6		
{ Ferri Sulph., Pv. Cinnam. Co. } 3 gr.		
{ Pv. Aloes Barb. Confec. Rosæ, } 3 gr.		
ALOES et MYRRH. B.P. 1/6 ... 6/9		
{ Soc. Aloes, Crocus, } 3 gr.		
{ Myrrh., Confec. Rosæ, } 3 gr.		
ALOES SOCOT. B.P. 1/3 ... 5/6		
{ Soc. Aloes, Ol. Myrist., } 3 gr.		
{ Sapon., Confec. Rosæ, } 3 gr.		
ASSAFÆT. COMP. B.P. 1/6 ... 6/9		
(Assafœtida, Myrrh., Galbanum, Theriaca,—3 gr.)		
CAMBOGIÆ COMP. B.P. 1/3 ... 5/6		
{ Camhogia, Pv. Cinnam. Co. } 3 gr.		
{ Aloes Barb., Pv. Sapon., Syrup. } 3 gr.		
COLOCYNTH. COMP. B.P. 2/ ... 9/3		
{ Pv. Colocynth., Scammonio, Ol. Caryoph. } 3 gr.		
{ Myrrh., Barb. Potass. Sulph. } 3 gr.		
COLOCYNTH. et HYOSCY. B.P. 2/ ... 9/3		
(Pill. Colocynth. Co., Ext. Hyoscyami,—3 gr.)		
CONII COMP. B.P. 1/3 ... 5/6		
(Ext. Conii, Pv. Ipecac., Theriaca,—2 gr.)		
FERRI CARB. B.P. 1/3 ... 5/6		
(Ferri Carb. Sacch., Confec. Rosæ,—3 gr.)		
FERRI IODID. B.P. 2/ ... 9/3		
HYDRARGYRI, 3 gr., B.P. 1/3 ... 5/6		
HYDRARG. SUBCHLOR. CO. B.P. 1/3 ... 5/6		
{ Hyd. Subchlor., Res. Guaiaci, } 3 gr.		
{ Antimon. Sulphurat., Ol. Ricini, } 3 gr.		
IPECAC. cum SCILLÆ. B.P. ... 1/3 ... 5/6		
{ Pv. Ipecac. Co., Pv. Ammoniac. } 3 gr.		
{ Pv. Scillæ, Theriaca, } 3 gr.		
PLUMBI cum OPIO. B.P. 2/ ... 9/3		
(Plumbi Acet., Pv. Opii, Confec. Rosæ,—2 gr.)		
QUINIÆ, 1 gr. 3/9 ... 18/		
SAPONIS COMP. B.P. 2/ ... 9/3		
(Pv. Opii, Pv. Sapon.—3 gr.)		
SCILLÆ COMP. B.P. 1/3 ... 5/6		
{ Ammoniac. } 3 gr.		
{ Sapon. } 3 gr.		

PILLS.	PRICE	
	per 100	per 500
AGUE 2/3 ... 10/6		
{ Chinoidin 2 gr., Ol. Pip. Nig. $\frac{3}{16}$ gr., } 2/3 ... 10/6		
{ Ext. Col. Co. $\frac{1}{2}$ gr., Ferri Sul. Exs. $\frac{1}{2}$ gr., } 2/3 ... 10/6		
ALOES et MASTICH. 1/6 ... 6/9		
(Aloes Soc., Mastich., Flor. Rosæ.)		
ANTIBILIOUS 1/6 ... 6/9		
(Pv. Ext. Col. Co. $2\frac{1}{2}$ gr., Podophyllin $\frac{1}{2}$ gr.)		
ANTIDYSPEPTIC 2/3 ... 10/6		
{ Strychnia $\frac{1}{16}$ gr. Mass. Hyd. 2 gr., } 2/3 ... 10/6		
{ Ext. Bellad. $\frac{1}{16}$ gr., Pv. Ext. Col. Co. 2 gr. } 2/3 ... 10/6		
{ Pv. Ipecac. $\frac{1}{16}$ gr. } 2/3 ... 10/6		
APERIENT 2/3 ... 10/6		
{ Ext. Nuc. Vom. $\frac{1}{2}$ gr., Ext. Hyoscy. $\frac{1}{2}$ gr., } 2/3 ... 10/6		
{ Pv. Ext. Col. Co. 2 gr. } 2/3 ... 10/6		
CAMPHORÆ et HYOSCYAMI 1/6 ... 6/9		
(Camphora 1 gr., Ext. Hyoscyami, 1 gr.)		
CATHARTIC. CO. (Exotic) 1/6 ... 6/9		
{ Ext. Col. Co., Ext. Jalap., Calomel, Pv. Cambogiae } 1/6 ... 6/9		
CATHARTIC. CO. (Improved) ... 1/6 ... 6/9		
{ Pv. Ext. Col. Co., Leptandrin, } 1/6 ... 6/9		
{ Pv. Ext. Jalap., Ext. Hyoscyami, } 1/6 ... 6/9		
{ Podophyllin, Ol. Menth. P. } 1/6 ... 6/9		
CATHARTIC. CO. (Vegetable) ... 1/6 ... 6/9		
{ Podophyllin, Ext. Colocynth. } 1/6 ... 6/9		
{ Res. Scammon., Sapon., Sem. Cardamom. } 1/6 ... 6/9		
DIURETIC 1/6 ... 6/9		
{ Pv. Saponis 2 gr., Sodæ Carb. Exs. 2 gr. } 1/6 ... 6/9		
{ Ol. Juniperi gutt.j. } 1/6 ... 6/9		
EMMENAGOGUE 3/ ... 14/3		
{ Ergotine 1 gr., Ferri Sulph. Exs. 1 gr. } 3/ ... 14/3		
{ Ext. Helleb. Nig. 1 gr., Aloes Soc. 1 gr. } 3/ ... 14/3		
{ Ol. Savin $\frac{1}{2}$ gr. } 3/ ... 14/3		
FERRI PYROPHOS. 1 gr. ... 1/3 ... 5/6		
NEURALGIC 7/6 ... 36/9		
{ Quiniæ Sulph. 2 gr., Strychnia $\frac{1}{16}$ gr. } 7/6 ... 36/9		
{ Morph. Sulph. $\frac{1}{16}$ gr., Ac. Arseni, $\frac{1}{16}$ gr. } 7/6 ... 36/9		
{ Ext. Aconiti $\frac{1}{16}$ gr. } 7/6 ... 36/9		
OPII, CAPH. et TANNIN 2/3 ... 10/6		
(Pv. Opii $\frac{1}{2}$ gr., Pv. Camphoræ 1 gr., Tannin 2 gr.)		
QUIN. et FERRI et STRYCHNINÆ 4/6 ... 21/9		
{ Quiniæ Sulph. 1 gr., Ferri Carb. (Vallett) 2 gr. } 4/6 ... 21/9		
{ Strychnia $\frac{1}{16}$ gr. } 4/6 ... 21/9		
RHEI COMP. 2/ ... 9/3		
{ Pv. Rhei, Pv. Aloes Soc. } 2/ ... 9/3		
{ Pv. Myrrh., Ol. Menth. P. } 2/ ... 9/3		
MORPHIÆ SULPH. $\frac{1}{16}$ gr. ... 2/ ... 9/3		
PODOPHYLLIN, $\frac{1}{2}$ gr. 1/3 ... 5/6		
PODOPHYLLIN CO. 2/ ... 9/3		
{ Podophyllin $\frac{1}{2}$ gr., Ext. Hyoscyami $\frac{1}{2}$ gr. } 2/ ... 9/3		
{ Ext. Nuc. Vom. $\frac{1}{16}$ gr. } 2/ ... 9/3		
STRYCHNIA, $\frac{1}{16}$ gr. 1/3 ... 5/6		

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Suggested by Dr. HALL DAVIS.



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Extract from 'Obstetrical Transactions,' vol. xvi.

"We have all of us experienced the inconvenience attendant upon the employment of Ferguson's Vaginal Speculum, this arising from its ready liability to fracture under sudden changes of temperature and by collision. I had already on two occasions ordered a tapering metallic Speculum, but the makers did not carry out the order satisfactorily. I mentioned my requirement to Messrs. Arnold & Son, Surgical Instrument Makers, and they at once undertook, and have since executed, the commission in accordance with my instructions."

'Braithwaite's Retrospect of Medicine,' vol. lxx.

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PRICES:

Improved Tapering Speculum, Stoutly Silver Plated and Gilt, each, 12s. 6d.
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Morocco Case, lined with Silk, for ditto, 5s. 6d.

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Do. Do., Do., per Set of Three, 21s.

Leather Case for ditto, 3s. 6d.

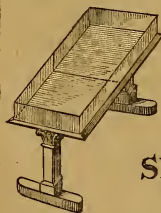
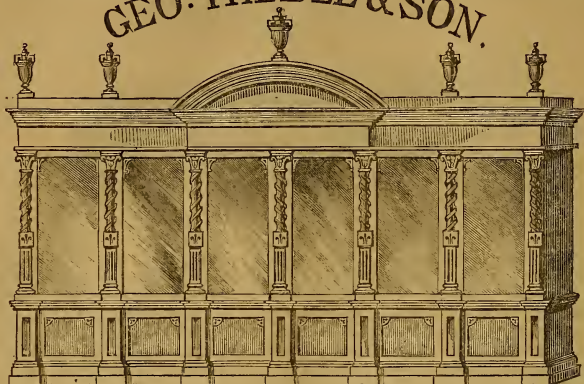
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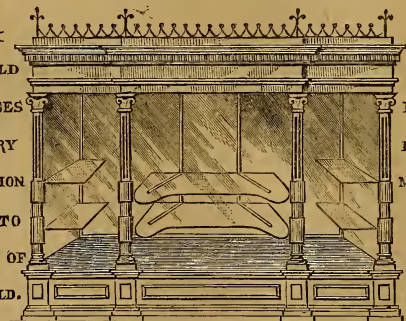


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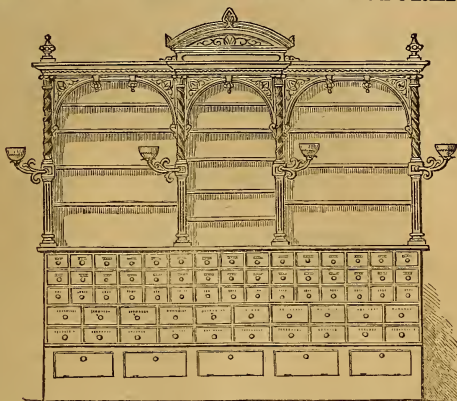
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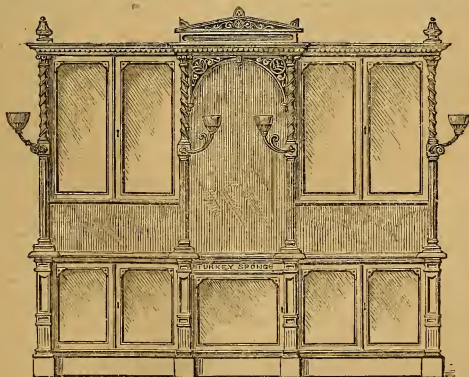
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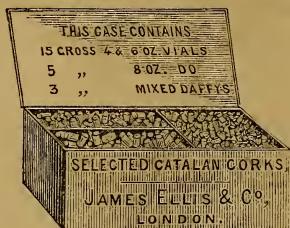
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	3 „ Daffys		
<i>Double the quantity of No. 5.</i>			
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	10 „ Fine Daffys		
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<i>Superior Dispensing Vials and Daffys.</i>			

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and less liable to break
than Machine-made
or other Corks.

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2 "	6 do.	do.
3 "	12 do.	do. per gross.
4 "	24 do.	do.

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6 "	6 do.	do.
7 "	12 do.	do. per gross.
8 "	24 do.	do.

9 "	3 gr. $\frac{1}{2}$ to 4 oz. Vial Corks ...	0 7
10 "	6 do.	do.
11 "	12 do.	do. per gross.
12 "	24 do.	do.

13 "	3 gr. 4, 6, & 8 oz. Vial Corks	0 7
14 "	6 do.	do.
15 "	12 do.	do. per gross.
16 "	24 do.	do.

17 "	3 gr. $\frac{1}{2}$ to 4 oz. Vial Corks ...	0 10
18 "	6 do.	do.
19 "	12 do.	do. per gross.
20 "	24 do.	do.

21 "	3 gr. 4 to 6 oz. Vial Corks...	0 10
22 "	6 do.	do.
23 "	12 do.	do. per gross.
24 "	24 do.	do.

Series B—Average length 1 to $1\frac{1}{8}$ inch.

25 cont.	3 gr. 2 to 8 oz. Vial Corks ...	1 0
26 "	6 do.	do.
27 "	12 do.	do. per gross.
28 "	24 do.	do.

29 "	3 gr. 2 to 8 oz. Vial Corks ...	1 3
30 "	6 do.	do.
31 "	12 do.	do. per gross.
32 "	24 do.	do.

Series C—Average length $1\frac{1}{4}$ to $1\frac{2}{3}$ each.

No.		s. d.
33 cont.	3 gr. 2 to 8 oz. Vial Corks ...	1 0
34 "	6 do.	do.
35 "	12 do.	do. per gross.
36 "	24 do.	do.

37 "	3 gr. 2 to 8 oz. Vial Corks ...	1 4
38 "	6 do.	do.
39 "	12 do.	do. per gross.
40 "	24 do.	do.

41 "	3 gr. 2 to 8 oz. Vial Corks ...	1 9
42 "	6 do.	do.
43 "	12 do.	do. per gross.
44 "	24 do.	do.

Series D—Average length 1 to $1\frac{1}{8}$ each.

45 cont.	3 gr. Fine Short Daffys	1 0
46 "	6 do.	do.
47 "	12 do.	do. per gross.
48 "	24 do.	do.

Series E—Average length $1\frac{1}{4}$ inch.

49 cont.	3 gr. Fine Long Daffys	1 4
50 "	6 do.	do.
51 "	12 do.	do. per gross.
52 "	24 do.	do.

53 "	3 gr. Fine Long Daffys	2 0
54 "	6 do.	do.
55 "	12 do.	do. per gross.
56 "	24 do.	do.

57 "	3 gr. Fine Long Daffys	2 6
58 "	6 do.	do.
59 "	12 do.	do. per gross.
60 "	24 do.	do.

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of the Bags need be given in ordering.



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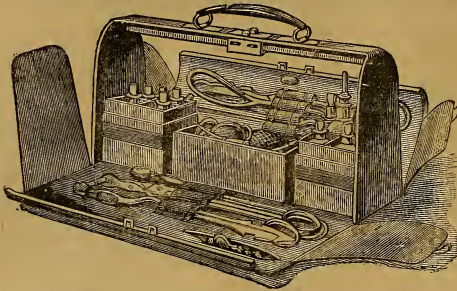


Fig. 1.

Dr. GREENHALGH'S OBSTETRIC BAG (Fig. 1) contains—

Midwifery Forceps.	Chloroform Inhaler.
Perforator.	Chloroform Bottle.
Craniotomy Forceps.	Uterine Syringe and Enema.
Blunt Hook.	Spray Apparatus.
Crotchet.	Stoppered Bottles for Ether,
Frænum Scissors.	Opium, Ammonia, Chloro-
Female Catheter.	form, Tincture of Iron, &c.
OBSTETRIC BAG, fitted complete, with Instruments, as above	£8.
Ditto, Instruments Plated Nickel Silver	£10.

ARNOLD & SONS' OBSTETRIC BAG (REGISTERED).

As suggested by DR. BARNES.

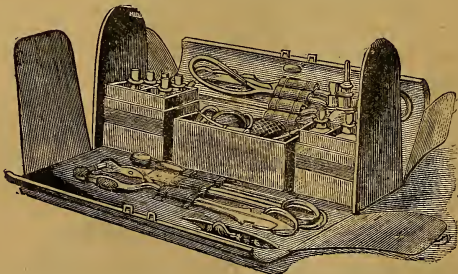


Fig. 2.

Dr. BARNES'S OBSTETRIC BAG (Fig. 2) contains—

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Perforator.	Chloroform Bottle.
Craniotomy Forceps.	Uterine Syringe and Enema.
Blunt Hook.	Dilating Apparatus.
Crotchet.	Stoppered Bottles for Ether,
Frænum Scissors.	Opium, Ammonia, and Por-
Female Catheter.	cupine Quill, &c., &c.
OBSTETRIC BAG, fitted complete, with Instruments, as above	£8.
Ditto, Instruments Plated Nickel Silver	£10.

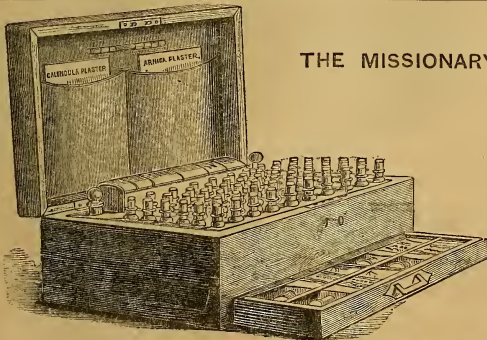
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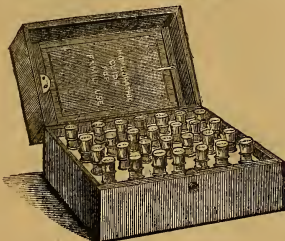


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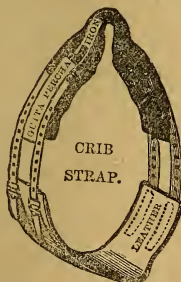
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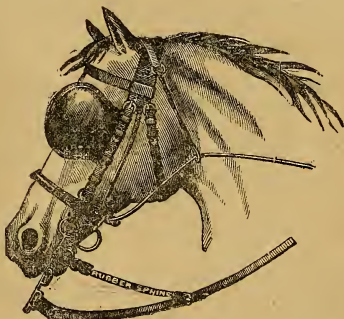
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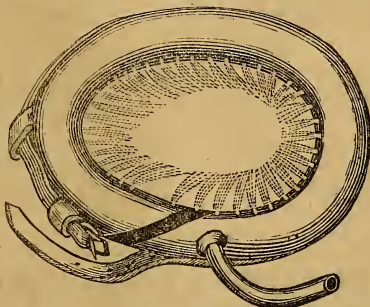
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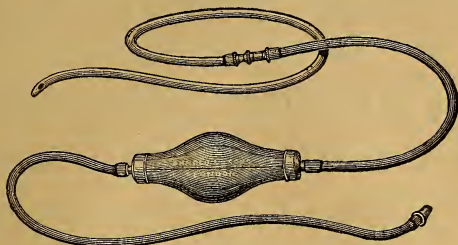
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Ditto do.30	0
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CHEMICAL PASTE or	... 3	0
Brass Ball		
Ditto do. 1	6
URN POWDER.....	0 6	... 4 0
Ditto	1 0	... 8 0
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Ditto in Tins	0 6	... 4 0
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Ditto do.	1 0	... 7 0
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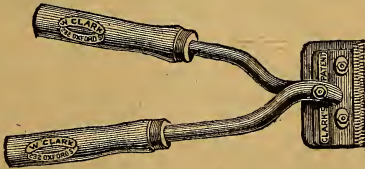
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Such is the marked superiority of this Clipper over all others, that horses have been clipped by one single machine in one hour and three quarters. It prevents anything like grooves, ridges, or furrows on the coat of the newly clipped animal.

W. CLARK begs to inform his customers that all his clippers are stamped with his name, either on the Plates or Wooden Handles. All others of his pattern not so stamped are infringements of his Patent.

The above machine is admirably adapted for shearing sheep, being a great improvement in manner and without the possibility of doing the work in much less time in a far

W. CLARK, 232, OXFORD STREET, LONDON.

BROWN & CO.,

MEDICAL GLASS AND EARTHENWARE

MANUFACTURERS,

18, GILTSPUR STREET, E.C.

PRICE LISTS ON APPLICATION.

Special Quotations to the Wholesale Trade, Large Buyers,
and for Exportation.

NOTICE TO THE TRADE.

Mr. YOUNG begs to state that he was the FIRST INVENTOR
of the ARNICATED FELT CORN AND BUNION
PLASTER, which has been pirated by unprincipled
Persons; he hopes, therefore, that buyers will
state YOUNG's when ordering through their
AGENTS, and see that his

TRADE MARK

IS

ON EACH LABEL.



WHITE
FELT
CORN &
BUNION
PLASTERS

Have established for themselves a world-
wide reputation. They are acknow-
ledged to be the best in
the market.

For Shipping Price apply to

H. YOUNG, 16, Carthusian St., Aldersgate St., E.C.

BE CAREFUL THAT YOUNG'S ARE SUPPLIED.

YOUNG'S ARNICATED



DINNEFORD'S FLUID MAGNESIA.

For Thirty Years the Medical Profession have approved of this Pure Solution as the Best Remedy for

ACIDITY OF THE STOMACH, HEARTBURN, HEADACHE, GOUT, AND INDIGESTION,

And as the safest and most gentle Aperient for delicate constitutions, especially adapted for Ladies, Children, and Infants.

In warm seasons and warm climates this simple preparation, when taken REGULARLY, has been found highly beneficial.

DINNEFORD AND CO., Chemists, &c.,

172, NEW BOND STREET, LONDON.

Sold by all Chemists throughout the World.

CAUTION.—See that "DINNEFORD & Co." is on every bottle and label.

THE GREAT FAMILY MEDICINE OF THE AGE!

ESTABLISHED



A.D. 1835.

By the use of which, during the last Forty Years, MANY THOUSANDS OF CURES have been effected; numbers of which cases had been pronounced INCURABLE.

The numerous well-authenticated Testimonials in disorders of the HEAD, CHEST, BOWELS, LIVER, and KIDNEYS; also in RHEUMATISM, ULCERS, SORES, and all SKIN DISEASES, are sufficient to prove the great value of this most useful Family Medicine, it being A DIRECT PURIFIER OF THE BLOOD and other fluids of the human body.

Many persons have found them of great service both in preventing and relieving SEA-SICKNESS; and in warm climates they are very beneficial in all Bilious Complaints.

ALSO,

ESTABLISHED



A.D. 1835.

Are particularly suited to Weakly Persons, being exceedingly mild and gradual in their operation, imparting tone and vigour to the Digestive Organs.

Sold in boxes, price 7½d., 1s. 1½d., and 2s. 9d., by G. WHELPTON & SON, 3, Crane Court, Fleet Street, London, and all Chemists and Medicine Vendors at home and abroad.

F. NEWBERY & SONS' CHEST PROTECTORS.

NEWBERY'S PALLADIUM
SINGLE



IN SIX SIZES.

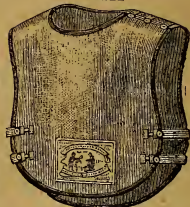
PALLADIUM.

(REGISTERED.)

Several members of the Medical Profession who have tried the "Palladiums" highly appreciate their unique advantages.

F. NEWBERY & SONS commend to the notice of the Medical Profession the special advantages possessed by the "PALLADIUM" Chest and Lung Protectors.

NEWBERY'S PALLADIUM
DOUBLE



IN SIX SIZES.

1. **SHAPE.**—The PALLADIUMS are cut in strict accordance with anatomical principles, the clavicles and apices of the LUNGS being fully covered and defended from cold.

2. **FITTINGS.**—The PALLADIUMS are adjustable to the body of the wearer, and being fitted with Elastic Straps (which in the Single Protectors are crossed over the back like braces), are prevented from curling up and shifting. The uniform position of the Protector when worn, maintains an equable temperature over the covered portions of the body.

3. **MATERIAL.**—The PALLADIUMS are manufactured of the finest soft Felt, which is comfortable and WARMTH-RETAINING.

SOLE MANUFACTURERS AND PROPRIETORS,

F. NEWBERY & SONS,

(125 Years in St. Paul's Church Yard,)

37, NEW GATE STREET, LONDON.

May be had of all Chemists.

81, HATTON GARDEN, LONDON;

January 1st, 1872.

MESSRS. JAMES BASS & SONS,

Original Manufacturers of Concentrated Infusions, beg to inform their Friends that they have this day Disposed of the Business carried on by them for more than Forty Years to MESSRS. BARRON, SQUIRE & CO., Bush Lane, Cannon Street, and with it the various Formulæ from which their Special Preparations have been made.

MESSRS. J. B. & SONS in soliciting for their successors a continuance of your support, feel assured the superiority of every Article prepared by them will be faithfully maintained.

BUSH LANE, CANNON STREET. LONDON;

January 1st, 1872.

MESSRS. BARRON, SQUIRE & CO.,

Wholesale and Export Druggists,

Respectfully request the attention of their Friends and the Trade to the above announcement, and pledge themselves to supply the Pharmaceutical and other Preparations of MESSRS. BASS & SONS in all their integrity.

N.B.—Orders from this date should be addressed to BARRON, SQUIRE & CO.,

BARCLAY & SONS,

FARRINGDON STREET,

LONDON,

MEDICINE WAREHOUSE.

CATALOGUE MAY BE HAD ON APPLICATION.

**SPECIAL AGENTS IN ENGLAND FOR SIR JAMES
MURRAY'S FLUID MAGNESIA.**

EXPORT ORDERS PROMPTLY ATTENDED TO.

T. MORSON & SON,

31, 33, and 124, SOUTHAMPTON ROW, RUSSELL SQUARE, W.C.

WORKS: HORNSEY ROAD, N., AND SUMMERFIELD WORKS, HOMERTON, E., LONDON.

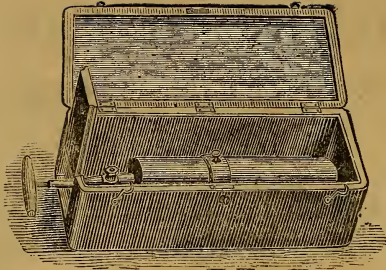
MANUFACTURERS OF

PURE CHEMICALS AND ALL NEW MEDICINES.

SPECIALITIES.

MORSON'S Pepsine Preparations. (The Original English Manufacturers.)	MORSON'S Creosote, from Wood Tar. (The only English Makers.)
MORSON'S Pepsine Porci, Pure.	N.B.—Test of Purity—Insoluble in Price's Glycerine.
MORSON'S Pepsine Powder, or Poudre Nutritive.	MORSON'S Gelatine. (The most economical substitute for Isinglass.)
MORSON'S Pepsine Wine.	MORSON'S Effervescing Citrate of Magnesia.
MORSON'S Pepsine Lozenges.	MORSON'S Artificial Essences for Flavouring.
MORSON'S Pepsine Globules.	MORSON'S Morphia Salts.
MORSON'S Pancreatine Powder.	MORSON'S Chloroform, Pure and Meth.
MORSON'S Pancreatic Emulsion.	MORSON'S Sp. Ammon. Ar. P.B.
MORSON'S Pancreatized Cod Liver Oil.	
MORSON'S Chlorodyne.	

Sold Wholesale and Retail by all Chemists and Druggists throughout the World.



GEORGE BARTH & CO.,

Manufacturers of Anæsthetic and other Medical Apparatus,
Liquid Nitrous Oxide Gas, &c.

BARTH'S LIQUID NITROUS OXIDE CASE.

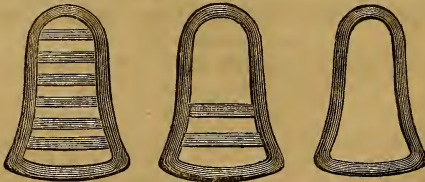
BARTH'S IMPROVED ETHER INHALER.

COLEMAN'S APPARATUS FOR ETHERIZED NITROUS OXIDE GAS.

Price Lists on application.

26, DUKE STREET, BLOOMSBURY, LONDON, W.C.

DR. GREENHALGH'S ELASTIC SPRING PESSARY.



The advantages of these Pessaries are cheapness, softness, indestructibility, facility of introduction, pliability, enabling them to be moulded to any form, applicability to all forms of uterine and vaginal displacements. No obstacle to other local treatment.

Extract from 'British Medical Journal,' May 23rd, 1868.—"They are easier of introduction and removal than Hodge's Pessary, and can be more easily adjusted; occasions little or no inconvenience."

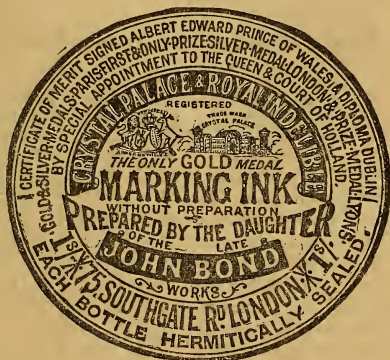
Arnold and Sons, having *originally* made these Pessaries *specially* for Dr. Greenhalgh, caution the Profession against many sold and represented as their manufacture, which are different in shape, construction, and ~~material, and consequently~~ useless for the purpose intended.

Dr. Greenhalgh's Elastic Spring Pessary				2s. 0d.
Ditto	ditto	with 2 india-rubber	transverse bands	2s. 6d.
Ditto	ditto	with 4	ditto	3s. 0d.
Ditto	ditto	with 6	ditto	3s. 6d.

JOHN TANN'S RELIANCE SAFES.

11, NEWGATE STREET, E.C.

LIST FREE BY POST.



COMMON PLEAS DIVISION, Jan. 15.

(Sittings before Lord Coleridge and Justices Grove and Denman.)

HICKISSON v. ASHTON.

Defendant moved for a NEW TRIAL,—application REFUSED.

This Action, which was brought for the alleged infringement of the Plaintiff's Trade Mark, was tried at the last sittings at Guildhall, before Mr. Baron Cleasby, when the verdict was for the Plaintiff with damages.

The PLAINTIFF was the HUSBAND of the DAUGHTER of the late JOHN BOND, the PROPRIETOR of BOND'S CRYSTAL PALACE MARKING INK. The Defendant was a Druggist, and he had sold a similar Ink, manufactured by a Mr. Murphy, and the Plaintiff complained that the Labels on Murphy's Ink were an infringement of his Labels.

A TRADE MARK is not only a SYMBOL or CHARACTER, but the general appearance of a Label, whereby the Public would be deceived.

The Defendant refused the Rule, that learned Judge having expressed his satisfaction with the verdict. **RULE REFUSED.** *Vide* daily papers.

Messrs. WILLS & WATTS, Solicitors for the Plaintiff, Doctors' Commons.

JOHN PYM YEATMAN, Esq., Barrister-at-law, Temple, standing Counsel.


PRICE LIST, FOR CASH ONLY.

CHARLES WARD & SON,

WINE MERCHANTS,

(Established upwards of 100 years.)

1, Chapel Street West (next Curzon Chapel), Mayfair, London, W.

 Our principle in drawing up this List has been to quote *CHEAP WINES* that are *GOOD*, and *FINE WINES* that are *CHEAP*.

WINES.

A Single Dozen sent Carriage Paid.

		BOTTLES INCLUDED.		PACKAGES NOT INCLUDED.			
		Per Dozen.	Per Gallon.	Drum of 7 Galls.	½-Cask of 27 Galls.		
		s.	s. d.	£ s. d.	£	s.	d.
SHERRY	1. Pale Good	18	7 6	2 12 6	10	2	6
	2. Golden	18	7 6	2 12 6	10	2	6
	3. Pale Dinner Wine	24	10 6	3 13 6	14	3	6
	4. Golden	24	10 6	3 13 6	14	3	6
	5. "The Table Sherry." A good wine, rather dry	30	13 6	4 14 6	18	4	6
	6. Golden	30	13 6	4 14 6	18	4	6
	7. "The Mayfair," rich, of bright light amber colour	36	16 6	5 15 6	22	5	6
	8. "The Mayfair," dry, of Amontillado character	36	16 6	5 15 6	22	5	6
	<i>Advertised as "fit for a Gentleman's Table."</i>						
	9. Golden	36	16 6	5 15 6	22	5	6
	10. Full rich pale	42	19 6	6 16 6	26	6	6
	11. Dry old pale	42	19 6	6 16 6	26	6	6
	12. Old golden	42	19 6	6 16 6	26	6	6
	13. Pale dry Amontillado...	48	22 6	7 17 6	30	7	6
	14. Rich old golden	48	22 6	7 17 6	30	7	6
	15. Superior old pale nutty	54	25 6	8 18 6	34	8	6
	16. Superior rich old golden	54	25 6	8 18 6	34	8	6
	17. Manzanilla Sherry	36	16 6	5 15 6	22	5	6
	18. Superior pale Manzanilla	48	22 6	7 17 6	30	7	6
	19. " " fine old	72					
Very old Wines, from 60s. to 108							

WINES.

A Single Dozen sent Carriage Paid.

		BOTTLES INCLUDED.		PACKAGES NOT INCLUDED.				
		Per Dozen. s.	Per Gallon. s. d.	Drum of 7 Gall.		½-Cask of 27 Gall.		½-Cask of 22 Gall.
MADEIRA .....(See Special List)						£	s. d.	
MARSALA	Good	21	9 0	3	3 0	9	18 0	
TARRAGONES ...	A rich red Wine ...	18	7 6	2	12 6	10	10 0	
	Drier	21	9 0	3	3 0	12	12 0	
TENT	Fine Rota	38						
VAL DE PENAS ..	Fine	36						
PORT ...	No. 20. Good Wine, from Cask.....	24	10 6	3	13 6	14	14 0	
	Full Wine „	30	13 6	4	14 6	18	18 0	
	21. Crusted Wine, good, in Bottle	36						
	22. Good old „	42						
	23. Dry old „	48						
	24. Rich old „	48						
	Vintage 1847, a few dozens	84						
<i>Very fine and scarce, the price much under value.</i>								
	Old fine Wines, from 54s. to	72						
NOVARINTA ...	25. Rich	24	10 6	3	13 6	14	4 0	
	26. Dry	26	11 6	4	0 6	16	2 0	

Of these Wines we are the **SOLE IMPORTERS.**

		No.	Per Dozen.
CLARET	27. Fair “ordinaire”		14s.
	28. “Grand ordinaire”		18s.
	29. Valeyrac, 1870		24s.
	30. Listrac, 1870, showing some breed		30s.
	31. Cantenac, 1870		38s.
	Château Belair, 1870.....		48s.
	Cos d'Estournel, 1869 (Brand of Château)		66s.
	Léoville, 1862		72s.
	Château Latour, 1869 (Brand of Château)		84s.
	„ „ 1862		84s.
	„ Lafite		96s.
BURGUNDY	“Ordinaire”	20s.	24s.
	Beaune	30s.	34s.
	Volnay, 1868		48s.
	Nuits, fine, 1868.....		60s.
	Chambertin, 1865		96s.

WINES.

A Single Dozen sent Carriage Paid.

		<i>Per Dozen.</i>
HOCK	Laubenheim	24s.
	Nierstein	30s.
	Geisenheim	36s.
	Hockheimer	42s.
	Liebfraumilch	50s.
	Hockheimer Berg	60s.
	Winkler Hasensprung	66s.
	Raenthal	72s.
	Steinberg Cabinet	96s.
MOSELLE	Zeltinger, Piesporter	24s. 30s.
	Brauneberg, Thiergartner	36s. 42s.
	Halsberg	60s.
SPARKLING MOSELLE and HOCK	36s., 40s., 48s.	60s.
CHAMPAGNE ...	Crown	30s.
	Perrier Jouet, 3rd quality	44s.
	„ 2nd quality	54s.
	„ 1st quality	68s.
	Bollinger, 1st quality extra, dry	78s.

All other Brands can be supplied at prices proportionately moderate.

SPIRITS.

The following Brandies are pure French Spirit, so far as direct importation can secure genuineness.

		<i>Bottles included.</i>	<i>Jar not included.</i>
		<i>Per Doz.</i>	<i>Per Gall.</i>
BRANDY	32. Good Cognac	40s. ...	18s. 6d.
	33. Fine Cognac	50s. ...	23s. 6d.
	34. Fine old Cognac	66s. ...	31s. 6d.
RUM	35. Old Jamaica, finest imported	36s. ...	16s. 6d.
GIN	36. Finest unsweetened	32s. ...	14s. 6d.
	37. Ditto, Liqueur	32s. ...	14s. 6d.
WHISKEY	38. Good Scotch	36s. ...	16s. 6d.
	39. Finest Glenlivet	42s. ...	19s. 6d.
	40. Good Irish	36s. ...	16s. 6d.
	41. Finest old Irish	42s. ...	19s. 6d.
HOLLANDS	Schiedam, in Dutch Bs. De Kuypers	32s.	
	Ditto ditto Wynand Fockinks	42s.	

LIQUEURS...The following are the best imported, and are all Foreign :

CURAÇOA, MARASCHINO, NOYAU.....9s. per Bottle.

A Full List of Liqueurs can be had on application.

NOTES AND REMARKS.

1. **PAYMENT.** All CHEQUES and POST ORDERS should be crossed "Bank of England." POST ORDERS should be made payable at Curzon Street. POSTAGE STAMPS cannot be received over 10s., nor in stamps of higher value than one penny each.


2. **POST CARDS** are an unsafe method of transmitting an order, and cannot be acted upon without the full signature of the person ordering, and not then unless the handwriting be known.

3. **BREAKAGE.** All cases should be unpacked immediately on arrival, and any breakage or deficiency notified to us at once, else the railway companies may resist the claim.

4. **CASES,** if not returned to us, are charged at 2s. per dozen. We cannot be answerable for cases returned if the original direction cards are removed or defaced. The railway charge must be prepaid on all "RETURNS," as otherwise the cases are not now sent forward by the companies.

5. **BOTTLES.** We allow 1s. per dozen for good regular bottles.

6. **PACKAGES.** *Stone Bottles*, covered with basket work, are charged at 1s. 6d. a gallon; 7 Gall. Drums and Cases, 10s.; Boxwood Tap, 1s.; Qr. Casks, 10s.

 We earnestly request our customers not to use metal taps, even when plated, but Adamas Taps, which we supply at 2s. each. They are cheap, incorrosive, and seldom leak.

7. **CARRIAGE.** We pay Carriage to any railway station in England *on even a single dozen*. If charged a second time by the railway officials, on receipt of the carriage note we will recover and remit the amount.

SAVORY & MOORE'S

SPECIAL PREPARATIONS.

GENUINE PANCREATIC EMULSION AND PANCREATINE.

Administered in diseases where Wasting, Loss of the Power of Digestion, and Assimilation are prominent Symptoms.

PEPTODYN combines the active principles of the Digestive Secretions, and effects the Digestion and Assimilation of the various kinds of Food, the Farinaceous, Fibrinous, and Oleaginous.

PEPSINA PORCI } Best Quality. Supplied in small Bottles or in Bulk.
 AND } On account of their large manufacture of Pancreatic Preparations, Messrs. Savory and Moore are enabled to offer them (in
PEPSINE WINE } quantity) at lower rates.

BEST FOOD FOR INFANTS. As supplied to the Royal Families of England and Russia. Resembles Mother's Milk more closely than any other kind of Food, perfectly fulfilling its object, that of promoting the GROWTH and HEALTH of the Child.

DATURA TATULA. For the Relief of Asthma and Chronic Bronchitis. Prepared in all forms for Smoking and Inhalation.

MEDICATED GELATINE PREPARATIONS (Patent). Comprising the ROUND DISCS FOR OPHTHALMIC PURPOSES, which were originally introduced by this Firm, and have now been in general use by the Profession in this country and abroad for nearly twenty years. NEW DISCS FOR HYPODERMIC INJECTION, prepared by Savory and Moore at the suggestion of Dr. Ernest Sansom, viz.—Morphia, Atropiæ Sulph., Strychnia, Apomorphia, Ergotina, Codeia, Caffeine, &c. &c. These Discs may be carried in the smallest-sized pocket-book, are soluble in a few drops of warm water, and offer a *certain* and *immediate* means of securing hypodermic injections.

PHOSPHORISED COD-LIVER OIL. First Manufactured in this Country by Savory and Moore, and generally recognised by the Profession as the "ORIGINAL PREPARATION." Supplied in Bulk or small Bottles.

Vide case of Phthisis successfully treated by this Oil.—Lancet, April 24, 1875.

THE KHEESAH FRICTION GLOVES AND BELT. For promoting a healthy and agreeable action of the skin. ERASMUS WILSON, Esq., in his well-known work on the 'Health and Diseases of the Skin,' states:—"This Friction Glove certainly offers advantages superior to any other kind of Rubber for the Skin in existence."

PHOSPHORUS PILLS of any size and strength, Non-resinous, and perfectly soluble; the most reliable and agreeable method of administering this remedy.

Wholesale and Retail of the Manufacturers,

SAVORY & MOORE,

143, NEW BOND STREET, LONDON.

